Joint Exhibit List

Redacted Version of Document Sought to be Sealed

Brown, et al. v. Google
Cal. N.D. 4 20-cv-03664-YGR-SVK
Joint Exhibit List

Prefix	Ex. No.	Begin Bates	Description	Sponsoring Witness	Expert Identification	Stipulation to Admit	Google Objections	Plaintiffs' Objections	Injunction Phase of Trial (Plaintiffs Only)	Date Admitted
PX	1	GOOG-BRWN-00806426	February 11, 2015 email from Palmer titled "Incognito-fest 2015"	Felt, Palmer, Tabriz, Keegan	Admission		402, 403			
PX	2	GOOG-CABR-05287675	September 23, 2014 email from Palmer titled "I promise this is my last rant about Incognito ;)"	Borsay, Palmer, Schuh	Admission		402, 403, H			
PX	3	GOOG-CABR-05905164	December 12, 2014 email from chrome-security on behalf of Chris Palmer.	Palmer, Schuh, Borsay	Admission		402, 403			
PX	4	GOOG-CABR-05905173	December 13, 2014 email from Parisa Tabriz.	Tabriz, Palmer, Schuh, Borsay.	Admission		402, 403, H			
JX	5	GOOG-BRWN-00477510	January 2015 Internal document titled "Perceptions of Google Incognito"	**Plaintiffs:** Felt, Borsay, Keegan **Google:** Amir	**Plaintiffs:** Admission **Google:** Identification		402, 403	**Objections to Google's Use:** Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
PX	6	GOOG-BRWN-00630517	February 11, 2015 email from Tabriz.	Tabriz, Palmer, Felt, Hochman	Admission		402, 403			
PX	7	GOOG-BRWN-00806431	February 11, 2014 email from Tabriz.	Tabriz, Felt, Palmer.	Admission		402, 403			
PX	8	GOOG-BRWN-00051404	March 9, 2015 internal document titled "Incognito-fest Options"	Borsay	Admission		402, 403			
PX	9	GOOG-BRWN-00390420	April 26, 2016 email from Borsay.	Borsay	Admission		402, 403			
PX	10	GOOG-CABR-04971904	May 19, 2016 email from Palmer regarding Google Incognito precision	Borsay, Felt, Palmer	Admission		402, 403			
PX	11	GOOG-BRWN-00140297	July 21, 2018 Internal presentation titled "The Incognito Problem"	Harris, Mardini, Palmer	Admission		402, 403, H			
PX	12	GOOG-BRWN-00804212	August 22, 2018 email from Felt regarding 2018 USAT Survey	Felt, Palmer	Admission		402, 403			
PX	13	GOOG-CABR-03827263	December 10, 2018 email chat regarding Synthesized themes for browser 6	Felt, Mardini, Tabriz, Hochman	Admission		402, 403			
PX	14	GOOG-CABR-00085469	"Five ways people misunderstand Incognito and private browsing" document.	Shelton, Borsay, Fair, Mardini	Admission		402, 403, H			
PX	15	GOOG-CABR-04991832	February 27, 2019 email regarding "Browser UI concepts aligned w/▮▮▮▮"	Mardini, Tabriz	Admission		402, 403			
PX	16	GOOG-BRWN-00388293	April 30, 2019 email from Mardini regarding branding for Incognito	Mardini, Adhya, Twohill, Tabriz	Admission		402, 403			
PX	17	GOOG-CABR-04936594	December 17, 2019 email from Felt.	Felt	Admission		403, 402, H			
PX	18	GOOG-BRWN-00153850.C	March 25, 2020 Internal document titled "How do we talk about Incognito mode?"	Fair	Admission		403, 402, H, LF			
PX	19	GOOG-CABR-00094550	March 25, 2019 Internal document titled "One Pager Incognito Everywhere, say what"	Borsay, Fair, Harris, McClelland	Admission		402, 403			
PX	20	GOOG-BRWN-00164056	January 27, 2020 Internal document titled "Chrome / Sin Rastro One Pager Recommended position for Chrome"	Adhya, Borsay, Halavati, Mardini, McClelland, Schuh	Admission		402, 403, MIL, H, DRAFT, LF			
PX	21	GOOG-BRWN-00406065	January 29, 2021 email from Twohill titled "Today is Data Privacy Day so please read"	Twohill	Admission		402, 403, H, MIL			
PX	22	GOOG-CABR-05756666	March 4, 2021 internal presentation titled "The Future of Incognito"	Adhya, Fair, McClelland, Hochman	Admission		402, 403			
PX	23	GOOG-CABR-04739841	July 9, 2021 internal document regarding "Incognito NTP Revamp"	Borsay, Halavati, Mardini	Admission		402, 403, H, DRAFT, LF			
PX	24	GOOG-BRWN-00169228	January 6, 2020 email from Felt titled "operating in today's 'sustained financial value' environment"	Felt	Admission		403, 402, H			
PX	25	GOOG-CABR-04324934	May 7, 2019 Internal document titled "Ads Impact and Response from ▮▮▮▮ and SameSite & Secure Launches"	Bindra, Felt, Mardini, Liao, Lasinski	Admission		402, 403, H, LF, Draft, MIL			
PX	26	GOOG-BRWN-00228597	June 12, 2008 email regarding interviews of Google employees about Chrome	Rakowski	Admission		402, 403			
PX	27	GOOG-BRWN-00226894	July 11, 2008 email from Kasting regarding Chrome redirection loop issue	Rakowski, Hochman	Admission		402, 403, MIL			
PX	28	GOOG-BRWN-00477487	July 10, 2008 email regarding summary of the feedback from the UX study	Rakowski	Admission		402, 403			
PX	29	GOOG-BRWN-00409986	July. 17, 2008 email from Rakowski regarding Chrome team meeting notes	Rakowski	Admission		402, 403			
PX	30	GOOG-BRWN-00225677	February 2, 2009 email from Harvey regarding inprivate filtering	Rakowski	Admission		402, 403, H, MIL			
PX	31	GOOG-BRWN-00224755	April 1, 2010 email from Rakowski regarding issue with content settings and Incognito mode	Rakowski	Admission		402, 403			
PX	32	GOOG-BRWN-00812710	December 9, 2013 email from Felt titled "Simplify the Incogito NTP"	Felt, Palmer	Admission		402, 403			
PX	33	GOOG-BRWN-00812091	March 25, 2014 email from Felt regarding a "cleaner and prettier Incognito"	Felt, Palmer	Admission		402, 403			
PX	34		September 23, 2014 Public news article titled "Google's Eric Schmidt Calls Julian Assange 'Paranoid' and Says Tim Cook Is Wrong"	Palmer	Admission		402, 403, H			
PX	35		Video clip of Eric Schmidt interview with ABC News from September 23, 2014	Palmer	Admission		402, 403			
PX	36	GOOG-CABR-05477364	September 24, 2014 email on behalf of Shoemaker titled "Re [incognito-team] Re I promise this is my last rant about Incognito)"	Borsay, Palmer, Schuh, Keegan	Admission		402, 403, H, LF			
PX	37	GOOG-BRWN-00457255	September 25, 2014 email on behalf of Palmer titled "Re [incognito-team] Re I promise this is my last rant about Incognito ;)"	Borsay, Palmer, Schuh	Admission		402, 403			
PX	38	GOOG-BRWN-00847949	October 30, 2014 Internal memo titled "We need a Best of Mobile apps Stratergy"	Twohill	Admission		402, 403, MIL			
PX	39	GOOG-CABR-05907452	December 13, 2014 email from Tabiz regarding Incognito	Borsay, Palmer	Admission		402, 403, H			
PX	40		December 12, 2014 Public news article titled "Schmidt Google Now Best Way to Evade NSA"	Palmer	Admission		402, 403, H, LF			
PX	41		Video Clip of Eric Schmidt December 12, 2014 interview with Cato Institute, https //www.youtube.com/watch?v=BH3vjTz8OII	Palmer	Admission		402, 403, H, LF			

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Prefix	Ex. No.	Begin Bates	Description	Sponsoring Witness	Expert Identification	Stipulation to Admit	Google Objections	Plaintiffs' Objections	Injunction Phase of Trial (Plaintiffs Only)	Date Admitted
PX	42	GOOG-CABR-05370279	January 8, 2015 email from Palmer titled "Browsing in privacy mode? Super Cookies can track you anyway"	Borsay, Palmer, Schuh	Admission		402, 403			
PX	43	GOOG-BRWN-00806482	Janyary 27, 2015 email from Palmer regarding HSTS in regular and Incognito mode	Palmer	Admission		402, 403			
PX	44	GOOG-CABR-04665867	February 2, 2015 Email from Palmer re Research Report Perceptions of Google Chrome Incognito	Borsay, Felt, Palmer, Tabriz	Admission		402, 403			
PX	45	GOOG-BRWN-00393432	February 11, 2015 Email fromGarth Shoemaker re Incognito-fest 2015	Borsay, Felt, Tabriz	Admission		402, 403			
PX	46	GOOG-CABR-03750737	Incognito-fest Chrome internal presentation	Borsay, Felt	Admission		402, 403, MIL			
PX	47	GOOG-BRWN-00166653	April 16, 2015 Internal document titled " Research Plan Google Chrome Incognito NTP"	Borsay, Felt, Palmer	Admission		402, 403			
PX	48	GOOG-BRWN-00049146	August 2015 internal document titled, "Exploration of primary value proposition of Incognito to users - GCS"	Borsay, Fair, Harris, Mardini	Admission		402, 403, H			
PX	49	GOOG-BRWN-00391231	May 3, 2016 email from Borsay regarding Chrome Incognito privacy question	Borsay	Admission		402, 403			
PX	50	GOOG-CABR-00353831	May 19, 2016 email from Borsay regarding Chrome's Incognito mode	Borsay, Felt	Admission		402, 403			
PX	51	GOOG-BRWN-00410884	June 21, 2016 email from Palmer regarding Google Incognito precision	Borsay, Felt, Palmer	Admission		402, 403			
PX	52	GOOG-CABR-00393660	August 23, 2016 Internal presentation titled ███ Townhall"	Berntson, Fair, Liao, Monsees	Admission		402, 403			
PX	53	GOOG-BRWN-00183662	February 17, 2017 email from Anthonysamy regarding strings and icon for Incognito	Borsay	Admission		402, 403			
PX	54	GOOG-CABR-04739070	February 19, 2018 Internal presentation slides regarding product personalization	Adhya, Harris, Monsees	Admission		402, 403, MIL			
PX	55	GOOG-BRWN-00634444	July 26, 2018 email regarding the "Incognito Problem"	Felt, Palmer	Admission		402, 403, MIL			
PX	56	GOOG-CABR-03764749	August 15, 2018 email from Shealy regarding Incognito branding	Shelton, Harris	Admission		402, 403			
PX	57		August 15, 2018 Google Chrome Data Collection by Prof. Schmidt	Monsees, McClelland	Admission		402, 403, H, LF, MIL			
PX	58	GOOG-BRWN-00061607	August 16, 2018 Internal document titled " Five ways people misundertstand Incognito and private browsing"	Borsay, Fair, Harris, Mardini, Shelton, Adhya, Halavati, Monsees, Hochman	Admission		402, 403, H			
PX	59		August 21, 2018 NY Post article titled "Google tracking is even creepier than you thought, study finds"	Schneier	Admission		402, 403, H, LF, 901			
PX	60	GOOG-BRWN-00042339	August 2018 internal presentation titled, "How do users interrpret alternative incognito metaphors?"	Harris, Schuh, Shelton	Admission		402, 403, H			
PX	61	GOOG-BRWN-00634608	September 19, 2018 email from Liu regarding Baidu and transparency	Palmer, Lemoine	Admission		402, 403, MIL			
PX	62	GOOG-BRWN-00047390	September 24, 2018 Internal document titled "Incognito Mode, Current and Possible Promises"	Halavati, Harris	Admission		402, 403, DRAFT, H			
PX	63	GOOG-CABR-04261880	September 24, 2018 email from Palmer regarding "The Incognito problem," invitation to edit	Bindra, Felt, Halavati, Kleber, McClelland, Palmer, Shelton, Tabriz	Admission		402, 403, H			
PX	64	GOOG-CABR-03923580	November 6, 2018 email from Palmer regarding EEF article and Incognito misconceptions	Kleber, Palmer, Hochman, Bindra, Felt	Admission		402, 403, H			
PX	65	GOOG-BRWN-00152199	February 2019 Internal presentation titled "███ Campo Concept sprint"	Fair, Mardini	Admission		403, 402, H, LF, MIL			
PX	66	GOOG-BRWN-00222016	February 14, 2019 email chat regarding Incognito mode confusion	Adhya, Halavati	Admission		402, 403, H, MIL			
PX	67	GOOG-BRWN-00207876	February 20, 2019 Internal presentation titled " Zwieback, PDPO Eng Review"	Google document custodian	Admission		402, 403, MIL, LF			
PX	68	GOOG-CABR-04991831	February 27, 2019 email from Galbraith titled "Urgent Browser UI concepts aligned w/ ███ "	Mardini, Tabriz	Admission		402, 403, MIL			
PX	69	GOOG-CABR-04511160	March 7, 2019 email from Meltzer regarding ███ "	Bindra, Kleber	Admission		402, 403, MIL			
PX	70	GOOG-BRWN-00165706	March 2019 Internal presentaion titled " User Needs & Misconceptions, Incognito Mode (IM) Across Google"	Borsay, Fair, Felt, Mardini, Shelton, Schuh, McClelland, Monsees, Hochman	Admission		402, 403			
PX	71	GOOG-CABR-00142741	March 2021 internal document titled "What do we say about data in incognito (and Guest)?"	Borsay, Halavati	Admission		402, 403, LF, Draft			
PX	72	GOOG-CABR-05269357.RR	March 2019 Internal presentation titled "A Path forward for User Trust & Privacy"	Bindra, Kleber, Mardini, Schuh, Twohill	Admission		402, 403, MIL			
PX	73	GOOG-CABR-05145513	April 3, 2019 Internal presentaion titled "Incognito (Sin Rastro) NYC Design Sprint and Summit Recap & Overview"	Adhya, Borsay, Fair, Mardini	Admission		402, 403			
PX	74	GOOG-BRWN-00064145	April 16, 2019 Internal document titled "Five Things We Know to be True About Notifications"	Harris, Shelton	Admission		402, 403, H			
PX	75	GOOG-BRWN-00433503	April 23, 2019 Internal document titled "From go/zwieback"	Fair	Admission		403, 402, H, MIL, LF			
PX	76	GOOG-BRWN-00457784	April 26, 2019 email from Borsay regarding Incognito problems, and proposal	Borsay, Halavati, Mardini, McClelland, Shelton	Admission		402, 403, H, MIL			
PX	77		May 7, 2019 public news article written by Sundar Pichai titled "Privacy Should Not be a Luxury Good", https //www.nytimes.com/2019/05/07/opinion/google-sundar-pichai-privacy.html	Twohill, Bindra	Admission		402, 403, LF, 901, H			
PX	78	GOOG-BRWN-00157528	May 30, 2019 Internal document regarding data collection, logs, and personalization	Fair, Hochman	Admission		403, 402, H, LF			
PX	79	GOOG-BRWN-00699534	June 4, 2019 email chat regarding Incognito and UMA data	Halavati, McClelland	Admission		402, 403, LF, H			

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Prefix	Ex. No.	Begin Bates	Description	Sponsoring Witness	Expert Identification	Stipulation to Admit	Google Objections	Plaintiffs' Objections	Injunction Phase of Trial (Plaintiffs Only)	Date Admitted
JX	80		July 18, 2019 Google blog post titled "Protecting private browsing in Chrome"	**Plaintiffs:** Mardini, McClelland, Halavati **Google:** Psounis	**Plaintiffs:** Admission **Google:** Identification		402, 403, LF, 901, H, MIL	**Objections to Google's Use:** Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
PX	81	GOOG-BRWN-00139180	July 23, 2019 Internal presentaion titled "Incognito browsing – A Collection of Make Week Ideas"	Harris, Shelton	Admission		402, 403, H			
PX	82	GOOG-CABR-00501220	August 8, 2019 email from Halavati regarding Sin Rasto/Chrome	Adhya, Borsay, Fair, Halavati, McClelland	Admission		402, 403, H, MIL			
PX	83	GOOG-CABR-04232343	August 13, 2019 email chat regarding Sin Rastro/Chrome options	Adhya, Halavati, McClelland	Admission		402, 403, H, MIL, LF			
PX	84	GOOG-BRWN-00650016	August 20, 2019 Internal document titled "IP Privacy Projects"	Adhya, Palmer, Hochman	Admission		402, 403, MIL			
PX	85	GOOG-CABR-05269678	August 21, 2019 Internal presentation titled "What is this deck?"	Borsay, Felt, Harris, Halavati, Mardini, McClelland, Palmer, Schuh	Admission		402, 403, H			
PX	86	GOOG-CABR-00800579	September 12, 2019 email chat regarding user prompts	Kleber	Admission		402, 403 LF, MIL			
PX	87	GOOG-CABR-00413861	September 13, 2019 Internal document titled "Assessing Chrome/Ads Relationship (Draft)"	Mardini, Schuh	Admission		402, 403, MIL			
PX	88	GOOG-BRWN-00067645	October 17, 2019 Internal presentation titled "Incognito Sprint One Google + Sin Rastro"	Halavati	Admission		402, 403, H, MIL, LF			
PX	89	GOOG-CABR-04798344	October 23, 2019 Internal presentation titled "Chrome Privacy Feature Roadmap"	Borsay, Mardini, McClelland	Admission		402, 403, H, LF, MIL			
PX	90	GOOG-BRWN-00063505	October 29, 2019 Internal document regarding discussion on Incognito and privacy	Borsay	Admission		402, 403, H, LF, Draft			
PX	91	GOOG-CABR-00413286	October 30, 2019 Internal document regarding expanding Incognito brand to other Google product	Borsay, Mardini	Admission		402, 403, H, LF, MIL, Draft			
PX	92	GOOG-BRWN-00182492	November 6, 2019 email from Mardini regarding Edge and InPrivate mode	Borsay, Halavati, Mardini	Admission		402, 403, H, MIL			
PX	93	GOOG-BRWN-00147864	November 8, 2019 Internal document titled "1P Apps Consideration for Server-side vs Client-side Incognito handling"	Borsay, Fair, Mardini	Admission		402, 403			
PX	94	GOOG-BRWN-00202175	November 22, 2019 Internal document titled "Identity Team Statergy Overview (Work-In-Progress)"	Google document custodian	Admission		402, 403, DRAFT, LF			
PX	95	GOOG-BRWN-00047341	December 9, 2019 Internal presentation titled "Sin Rastro & Chrome P.A.M review"	Borsay	Admission		402, 403			
PX	96	GOOG-BRWN-00437647	December 10, 2019 Internal document titled "Chrome Incognito & Sin Rastro notes"	Borsay	Admission		402, 403			
PX	97	GOOG-CABR-00545997	January 2, 2020 email chat regarding Incognito usage	Halavati, Liao, Hochman	Admission		402, 403, H			
PX	98	GOOG-BRWN-00615433	January 9, 2020 email from Grey regarding not logging data froom Incognito search sessions	Adhya	Admission		402, 403, MIL			
PX	99	GOOG-CABR-05148261	January 2020 internal presentation regarding "Sin Rastro Product Update[s]"/Incognito	Adhya, Borsay, Fair, Mardini, McClelland	Admission		402, 403			
PX	100	GOOG-BRWN-00701189	January 27, 2020 email chat regarding Chrome/ Sin Rastro - One Pager draft	Borsay, Halavati, Mardini, McClelland	Admission		402, 403, H, MIL			
PX	101	GOOG-BRWN-00782689	February 10, 2020 email chat regarding the Incognito story	Halavati, McClelland	Admission		402, 403, H			
PX	102	GOOG-CABR-04780837.R	February 10, 2020 Internal document titled "Chrome Privacy The Incognito Story"	Adhya, Fair, Halavati, McClelland	Admission		402, 403, DRAFT, H, LF			
PX	103	GOOG-BRWN-00441285	February 14, 2020 email chat on Incognito perceptions	Adhya, Fair	Admission		403, 402, H, LF			
JX	104	GOOG-CABR-00093167	March 23, 2020 Internal presentation titled "Incognito Mode UXR Review	**Plaintiffs:** Borsay, Halavati, Harris, McClelland **Google:** Amir	**Plaintiffs:** Admission **Google:** Identification		402, 403, H			
PX	105	GOOG-CABR-05741188	March 24, 2020 email from McClleland regarding expected behavior in Incognito	Halavati, McClelland, Hochman	Admission		402, 403, H, LF			
PX	106	GOOG-BRWN-00051239	March 24, 2020 Internal presentation titled "Chrome Incognito Roadmap Workshop"	Borsay, Harris, Mardini	Admission		402, 403, H			
PX	107	GOOG-CABR-04431207	April 2020 Internal presentation titled "Incognito mode Awareness and Landscape go/sr-Incognito-survey"	Borsay, Fair, Mardini, Lasinski	Admission		402, 403, H			
PX	108	GOOG-BRWN-00184517	April 14, 2020 email from McClelland regarding 7 Incognito Guidelines	Borsay, Halavati, McClelland	Admission		402, 403, H, LF			
PX	109	GOOG-BRWN-00466897.R	May 5, 2020 Internal document titled Key Takeaways/Action Items"	Adhya, Hochman	Admission		402, 403			
PX	110	GOOG-CABR-03635725	Spreadsheet titled ▮▮▮▮▮▮ Impact	Bindra, Liao, Mardini	Admission		402, 403, MIL			
PX	111	GOOG-BRWN-00439740	May 5, 2020 Email from Mardini re ▮▮▮▮▮▮ launch on desktop and Android"	Bindra, Liao, Mardini, McClelland, Schuh, Tabriz, Lasinski	Admission		402, 403, MIL			
JX	113	GOOG-BRWN-00428101	May 21, 2020 internal presentation titled "Ads Privacy Ecosystem"	**Plaintiffs:** Berntson, Bhatnager, Lasinski **Google:** Strombom	**Plaintiffs:** Admission **Google:** Identification		402, 403, MIL			
PX	114		June 2, 2020 NY Times article titled "Suit Claims Google's Tracking Violates Federal Wiretap Law", https ://www.nytimes.com/2020/06/02/technology/google-sued-wiretap-privacy.html	McClelland	Admission		402, 403, 901, LF			
PX	115	GOOG-BRWN-00476718	June 3, 2020 email discussing an article about this lawsuit	McClelland	Admission		402, 403, LF			
PX	116	GOOG-BRWN-00845639	Email from Google forms re "PWG-Display Sellside Silo Office Hours Booking"	Leung, Liao, Google document custodian	Admission		402, 403, MIL			
PX	117	GOOG-BRWN-00176477	July 22, 2020 email chat discussing Incognito	Adhya, Fair	Admission		403, 402, H, LF, MIL			
PX	118	GOOG-CABR-05885871	July 31, 2020 Internal document titled ▮▮▮▮▮▮ Converstions"	Fair, Monsees	Admission		403, 402, H, LF, MIL			

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PX	119	GOOG-BRWN-00555073	August 19, 2020 Internal Work Log Summary	Halavati	Admission		402, 403, H, LF			
PX	120	GOOG-CABR-00095681	August 27, 2020 Internal document titled "Incognito Mode"	Borsay, Fair, Halavati, Harris, Mardini	Admission		402, 403, H, LF, MIL			
PX	121	GOOG-BRWN-00845596	October 6, 2020 Email from Mandy Liu to Bert Leung re "Detect 3P Cookie"	Leung, Liu, Google document custodian	Admission		402, 403, MIL			
PX	122	GOOG-CABR-05150754	December 16, 2020 Internal excel spreadsheet - Google's Word List	Fair	Admission		402, 403, H, LF			
PX	123	GOOG-BRWN-00027632	December 17, 2020 Internal document titled "Google Incognito PRD Deprecated"	Borsay	Admission		402, 403, LF			
PX	124	GOOG-BRWN-00845569	January 21, 2021 Chat between Mandy Liu and Bert Leung	Leung, Liu, Google document custodian	Admission		402, 403, MIL			
PX	125	GOOG-CABR-04738550	January 2021 Internal presentation titled "Incognito Users and Use Cases"	Adhya, Borsay, Mardini, Keegan	Admission		402, 403, H			
PX	126	GOOG-CABR-04508763	April 15, 2021 email regarding Incognito NTP revamp	Borsay, Halavati	Admission		402, 403, H, LF			
PX	127	GOOG-CABR-04746153	April 19, 2021 internal presentation regarding "Incognito NTP Revamp"	Borsay, Halavati	Admission		402, 403, H, LF			
PX	128	GOOG-BRWN-00686207	June 2021 internal presentation titled "KOF Research Review Reputation Council Update"	Twohill	Admission		402, 403, H, LF			
PX	129	GOOG-CABR-04668451	July 14, 2021 email regarding details of "Incognito NTP Revamp"	Mardini	Admission		402, 403, H, LF			
PX	130	GOOG-BRWN-00845312	September 13, 2021 Chat message between Mandy Liu and Bert Leung	Leung, Liu, Google document custodian	Admission		402, 403, MIL			
PX	131	GOOG-BRWN-00857642	December 13, 2021 Email from Bert Leung Re "Action Audit of Chrome X-Client Data Header - Deadline 06 Oct	Leung, Liao	Admission		402, 403, MIL			
PX	132	GOOG-CABR-05766200.R	November 2021 internal document titled "Incognito NTP Revamp PRD"	Borsay, Halavati, Mardini	Admission		402, 403, DRAFT, H, LF			
PX	133	GOOG-BRWN-00846508	Sync Notes	Liu, Google document custodian	Admission		402, 403, MIL			
PX	134		April 1, 2022 Letter from Joseph Ansorge to Special Master Brush, Mr. Schmidt, and Counsel	Hochman	Admission		402, 403, H, LF, MIL			
JX	135		Google Help Center; "How Chrome Incognito keeps your browsing private", McPhie Decl. Ex. 29	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes		**Objections to Google's Use:** Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
PX	136	GOOG-BRWN-00184710	February 27, 2015 email from Parisa Tabriz re Update Incognito-fest	Borsay, Felt, Tabriz	Admission		402, 403			
PX	137	GOOG-BRWN-00048967.C	August 7, 2019 Internal documemt titled "Incognito Comms WIP"	Borsay, Fair, Mardini	Admission		402, 403			
PX	138	GOOG-CABR-04195517	January 8, 2015 email from Felt regarding Incognitio aspirations	Felt, Borsay	Admission		402, 403, H			
PX	139	GOOG-BRWN-00390418	April 27, 2016 email from Chang Re Chrome Incognito privacy question	Borsay	Admission		402, 403, H			
PX	140	GOOG-BRWN-00167337	June 22, 2016 email from Borsay regarding Google Incognito precision	Borsay, Felt, Palmer	Admission		402, 403, H			
PX	141	GOOG-BRWN-00475063	July 11, 2018 email chat regarding improving Incognito	Palmer, Hochman, Keegan	Admission		402, 403, H			
PX	142	GOOG-CABR-00552177	September 24, 2018 Internal document titled "What do we need to know about Chrome Incognito mode to improve it?"	Halavati, Harris	Admission		402, 403, H, LF			
PX	143	GOOG-CABR-00084985	December 2018 Internal presentation titled "Chrome and the Shifting Privacy and Security Landscape"	Shelton, Keegan	Admission		402, 403, H			
PX	144	GOOG-CABR-05905167	December 12, 2014 email from Holfelder regarding Incognito	Borsay, Palmer, Schuh	Admission		402, 403, H			
PX	145	GOOG-CABR-05836882	May 4, 2015 Internal excel sheet defining varions terms including privacy	Borsay, Fair, Monsees, Keegan	Admission		402, 403, PRIV, CLAWED BACK W/REDACTIONS with .001.C Bates no.			
JX	146	GOOG-CABR-00002291	April 14, 2014 Google Terms of Service	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	147	GOOG-CABR-00002303	October 25, 2017 Google Terms of Service	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	148	GOOG-CABR-00002315	March 31, 2020 Google Terms of Service	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	149		January 5, 2022 Google Terms of Service	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	150		March 25, 2016 Google Privacy Policy	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	151	GOOG-BRWN-00000001	June 28, 2016 Google Privacy Policy	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	152	GOOG-BRWN-00000018	August 29, 2016 Google Privacy Policy	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	153	GOOG-BRWN-00000035	March 1, 2017 Google Privacy Policy	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	154	GOOG-BRWN-00000052	April 17, 2017 Google Privacy Policy	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				

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JX	155	GOOG-BRWN-00000069	October 2, 2017 Google Privacy Policy	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	156	GOOG-BRWN-00000086	December 18, 2017 Google Privacy Policy	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	157	GOOG-BRWN-00000096	May 25, 2018 Google Privacy Policy	Fair, Google document custodian	Admission	Yes				
JX	158	GOOG-BRWN-00000124	January 22, 2019 Google Privacy Policy	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	159	GOOG-BRWN-00000152	October 15, 2019 Google Privacy Policy	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	160	GOOG-BRWN-00000180	December 19, 2019 Google Privacy Policy	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	161	GOOG-BRWN-00000209	March 31, 2020 Google Privacy Policy	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	162	GOOG-BRWN-00000239	July 1, 2020 Google Privacy Policy	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	163	GOOG-BRWN-00000270	August 28, 2020 Google Privacy Policy	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	164	GOOG-BRWN-00000302	September 30, 2020 Google Privacy Policy	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
PX	165		February 4, 2021 Google Privacy Policy	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
PX	166		July 1, 2021 Google Privacy Policy	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	167		February 10, 2022 Google Privacy Policy	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	168		October 4, 2022 Google Privacy Policy	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	169		December 15, 2022 Google Privacy Policy	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
PX	170		July 1, 2023 Google Privacy Policy	Fair, Google document custodian	Admission	Yes				
JX	171		September 1, 2015 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	172		June 21, 2016 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	173		August 30, 2016 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	174		October 11, 2016 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	175		November 30, 2016 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	176		January 24, 2017 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	177		March 7, 2017 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	178	GOOG-BRWN-00000771	April 25, 2017 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	179	GOOG-BRWN-00000784	March 6, 2018 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	180	GOOG-BRWN-00000800	September 24, 2018 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				

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JX	181	GOOG-BRWN-00000816	October 24, 2018 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	182	GOOG-BRWN-00000832	December 4, 2018 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	183	GOOG-BRWN-00000848	January 30, 2019 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	184	GOOG-BRWN-00000864	March 12, 2019 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	185	GOOG-BRWN-00000880	October 31, 2019 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	186	GOOG-BRWN-00000896	December 10, 2019 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	187	GOOG-BRWN-00000913	March 17, 2020 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	188	GOOG-BRWN-00000930	May 20, 2020 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	189		January 15, 2021 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	190		September 23, 2021 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	191		June 23, 2022 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	192		August 11, 2022 Chrome Privacy Notice	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	193		Google "Search & browse privately" webpage, McPhie Decl. Ex. 30	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
PX	194	GOOG-BRWN-00555223	Incognito NTP Messages since 2016	Halavati, McClelland	Admission		402, 403, INC, H			
JX	195	GOOG-CABR-04400003	February 18, 2016 - February 27, 2017 Incognito Splash Screen	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	196	GOOG-CABR-04400005	April 20, 2017 - June 2020 Incognito Splash Screen	**Plaintiffs:** Fair, Keegan, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
JX	197	GOOG-CABR-04400007	June 2020 - Present Incognito Splash Screen	**Plaintiffs:** Fair, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
PX	198		Google Analytics Terms of Service	Fair, Google document custodian	Admission	Yes				
JX	199		Google Analytics Privacy Disclosures Policy, McPhie Decl. 32	**Plaintiffs:** Fair, Google document custodian **Google:** Ganem	**Plaintiffs:** Admission **Google:** Admission	Yes		**Objections to Google's Use:** Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
JX	200		Google Ad Manager Publisher Policies, McPhie Decl. Ex. 33	**Plaintiffs** Fair, Google document custodian **Google** Berntson	**Plaintiffs:** Admission **Google:** Admission	Yes		**Objections to Google's Use:** Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
PX	201		Google webpage titled "How Google Uses Information from Sites and Apps that use Our Services", McPhie Decl. Ex. 1	Fair, Google document custodian	Admission	Yes		**Objections to Google's Use:** Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
PX	202	GOOG-BRWN-00454633	April 29, 2020 email from Rory McClelland re "▮▮▮▮▮▮▮ launch"	Bindra, Liao, Mardini, McClelland, Tabriz	Admission		402, 403, MIL			
PX	203	GOOG-BRWN-00474874	October 13, 2008 email from Rakowski re "Tin foil hat mode brainstorm"	Rakowski	Admission		402, 403			
PX	204	GOOG-BRWN-00408322	December 16, 2009 email from Sengupta re "Privacy in Chrome 4"	Rakowski	Admission		402, 403, H			
PX	205	GOOG-CABR-03689232	December 22, 2018 email from Sammit Adhya Re "End of the Year Update"	Adhya	Admission		402, 403, H			
PX	206	GOOG-BRWN-00696751	April 22, 2019 Email from Lorraine Twohill Re "Incognito Mode"	Twohill	Admission		402, 403, H, MIL, LF			
PX	207	GOOG-CABR-05270014	April 24, 2019 document titled Incognito I/O Key Messages	Mardini	Admission		402, 403			
PX	208	GOOG-BRWN-00176481	July 22, 2020 Chat Between Adhya and Fair	Adhya, Fair, Hochman	Admission		402, 403, MIL			

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PX	209	GOOG-BRWN-00418249	May 18, 2016 Email from Borsay Re "Google 'Incognito' Precision"	Borsay, Felt	Admission		402, 403, MIL			
PX	210	GOOG-CABR-00391447	December 2019 Document titled "How to lead in a privacy-first era"	Berntson	Admission		402, 403, H, LF			
PX	211	GOOG-BRWN-00490767	November 2020 presentation titled "Google Analytics Starting Conversation"	Chung	Admission		402, 403, H, LF			
PX	212	GOOG-CABR-00456088	January 11, 2018 email from Tim Schumann Re "Ways to protect Chrome data in logs"	Lemoine, Monsees	Admission		402, 403, MIL			
PX	213	GOOG-CABR-05287138	September 23, 2014 email from chrome-security on behalf of Jason Woloz	Palmer, Schuh, Borsay	Admission		402, 403, H			
PX	214	GOOG-CABR-05905169	December 12, 2014 email form chrome-security on behalf of Betsy Masiello.	Palmer, Schuh, Borsay	Admission		402, 403, H			
PX	215	GOOG-BRWN-00806429	February 11, 2014 email from Felt.	Felt, Tabriz, Palmer.	Admission		402, 403, MIL			
PX	216	GOOG-BRWN-00393425	February 12, 2014 email from Garth Shoemaker.	Tabriz, Palmer, Borsay, Felt.	Admission		402, 403, MIL			
PX	217	GOOG-BRWN-00391406	May 17, 2015 email from Borsay.	Adhya, Borsay, Halavati, McClelland, Hochman	Admission		402, 403, H, MIL, LF			
PX	218	GOOG-CABR-00353933	June 21, 2016 email from Borsay.	Borsay	Admission		402, 403			
PX	219	GOOG-CABR-00711586	September 12, 2018 from Shelton.	Shelton	Admission		402, 403			
PX	220	GOOG-BRWN-00634520	August 22, 2018 from Palmer.	Palmer, Felt	Admission		402, 403			
PX	221	GOOG-CABR-00799532	January 10, 2019 Chat	Palmer	Admission		402, 403			
PX	222	GOOG-CABR-00149931	September 14, 2018 email from Palmer re "Five ways people misunderstand Incognito and private browsing"	Palmer, Shelton, Halavati, Harris	Admission		402, 403, H			
PX	223	GOOG-CABR-00191463	February 6, 2019 email from Sundar Pichai re "Our Priorities for 2019"	Borsay	Admission		402, 403, MIL			
PX	224	GOOG-CABR-05490919	October 30, 2015 email from Palmer re "Permissions in Incognito"	Palmer	Admission		402, 403			
PX	225	GOOG-BRWN-00457161	December 13, 2014 email from Micah Laaker re "Incognito ("	Tabriz, Schuh	Admission		402, 403			
PX	226	GOOG-CABR-00358713	January 29, 2020 email from Borsay re "Chrome / Sin Rast.."	Borsay, Halavati, McClelland, Adhya	Admission		402, 403, H, MIL			
PX	227	GOOG-CABR-04734899	February 19. 2019 email from Rory McClelland re "The DNT header"	McClelland, Kleber, Bindra, Mardini, Tabriz	Admission		402, 403, LF, MIL			
PX	228	GOOG-CABR-04675770	July 9, 2016 Email from McClelland Re "Update on Sundar█████ review"	McClelland, Tabriz, Kleber	Admission		402, 403, H			
PX	229	GOOG-CABR-00125537	March 21, 2019 Document titled "One Pager █████"	McClelland, Fair	Admission		402, 403, MIL			
PX	230	GOOG-CABR-04739271	February 8, 2021 Presentation Titled "Safer with Google, I/O, Data Transparency"	Twohill	Admission		402, 403, H, MIL			
PX	231	GOOG-CABR-05364238	August 2018 Report titled "Google Data Collection"	Monsees	Admission		402, 403, 901, LF			
PX	232	GOOG-CABR-04150069	Approval document for "Protecting private browsing in Chrome"	Mardini, McClelland, Halavati	Admission		402, 403, H, DRAFT, LF			
PX	233	GOOG-BRWN-00707013	April 29, 2019 Internal document Re "Privacy that works for everyone"	Twohill	Admission		402, 403, H, DRAFT, LF			
PX	234	GOOG-CABR-04682928	May 8, 2019 email from Struan Robertson	Bindra	Admission		402, 403, H, LF			
PX	235	GOOG-BRWN-00696888	December 4, 2019 Email from Morgan re "Incognito"	Twohill	Admission		402, 403			
PX	236	GOOG-BRWN-00848447	January 15, 2021 email from Morgan re "Privacy and Security Ideas"	Twohill	Admission		402, 403, H			
PX	237		Joint Discovery Letter Brief, Dkt. 411-1	Mardini, Borsay, Felt, Google document custodian	Admission		402, 403, LF, NE, MIL			
PX	238		December 20, 2022 Letter from Quinn Emanuel re █████	Mardini, Borsay, Felt, Google document custodian	Admission		402, 403, LF, NE, MIL			
PX	239	GOOG-CABR-04154790	"Chrome Incognito User Insights Summary"	Mardini, Borsay, Halavati	Admission		402, 403, LF, H, DRAFT			
PX	240	GOOG-CABR-03646702	"T&S UXR State of the Union" presentation.	Felt	Admission		403, 402, H, LF			
PX	241	GOOG-BRWN-00848427	May 15, 2020 Email from Twohill re "Chrome's next trust & safety announcement"	Twohill	Admission		402, 403, LF			
PX	242	GOOG-BRWN-00696977	February 1, 2021 Email from Twohill re "Today is Data Privacy day"	Twohill	Admission		402, 403, H			
PX	243	GOOG-BRWN-00166507	June 5, 2014 Document Titled "Incognito Notes"	Borsay, Felt	Admission		402, 403, MIL			
PX	244		Excerpt from Mandy Liu Deposition Testimony at 41 25-42 12	Liu	Admission		402, 403, LF, H, MIL			
PX	245	GOOG-CABR-05405835	Presentation titled "The Changing Digital Ads Ecosystem"	Google document custodian	Admission		402, 403, LF			
PX	246	GOOG-CABR-04093279	February 2017 Presentation Titled "Machine Learning"	Monsees	Admission		402, 403, LF			
PX	247	GOOG-CABR-04344015	Presentation titled "External Messaging on AI"	Google document custodian	Admission		402, 403, LF, MIL			
PX	248	GOOG-CABR-05315806	Document titled "Google Analytics Machine Learning/Intelligence"	Google document custodian	Admission		402, 403, LF, MIL			
PX	249		Hochman Opening Report Appendix B	Hochman	Admission		402, 403, H, NE			
PX	250		Hochman Rebuttal Report Appendix B	Hochman	Admission		402, 403, H, NE			
PX	251		Rule 1006 Summary on list of logs, bits, xcdh, retention period	Hochman	Admission		402, 403, LF, NE, Description insufficient to identify exhibit			
PX	252	GOOG-BRWN-00455551	September 5, 2019 email from McClelland	McClelland, Schuh	Admission		402, 403, LF			
PX	253	GOOG-BRWN-00147873	April 25, 2019 Presentation titled "Incognito Icon Redesign Update"	Borsay, Fair, Mardini, Hochman	Admission		402, 403			
PX	254	GOOG-CABR-04724084	Presentation titled "Argoz DPR"	Google document custodian, Hochman	Admission		402, 403, LF			
PX	255		Plaintiff data on flash drive	Hochman	Admission		402, 403, LF, Description insufficient to identify exhibit			
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PX	257	GOOG-CABR-04455284	August 2018 presentation titled "Make Week"	Borsay, Felt, Halavati, Harris, Mardini, Palmer	Admission		402, 403, H, LF			
PX	258	GOOG-CABR-00174832	February 27, 2019 email regarding Incognito window	Berntson, Kleber, Liao	Admission		402, 403, MIL			
PX	259		Hochman Opening Report Appendix H	Hochman	Admission		402, 403, LF, NE			

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PX	260	GOOG-BRWN-00393423	February 12, 2015 email from Palmer titled "Incognito-fest 2015"	Borsay, Felt, Palmer, Tabriz	Admission		402, 403, H			
PX	261	GOOG-BRWN-00517607	March 3, 2020 email from M. Sramek on XCDH being sent in Incognito Sessions	Google Custodian	Admission		402, 403, LF			
PX	262	GOOG-BRWN-00418175	March 30, 2016 email regarding "Incognito Imprecision"	Borsay, Felt, Palmer	Admission		402, 403			
PX	263	GOOG-BRWN-00410878	June 22, 2016 email from Borsay regarding "Incognito Precision"	Borsay, Felt, Palmer	Admission		402, 403, MIL			
PX	264	GOOG-BRWN-00797584	July 21, 2018 email from Palmer with a link to edit the "Incognito Problem" presentation	Felt, Palmer, Tabriz	Admission		402, 403			
PX	265	GOOG-CABR-04230142	July 21, 2018 email from Tabriz to edit the "Incognito Problem" presentation	Felt, Palmer, Tabriz	Admission		402, 403			
PX	266	GOOG-CABR-04230143	July 24, 2018 email from Nagel to edit the "Incognito Problem" presentation	Felt, Halavati, Palmer, Tabriz	Admission		402, 403			
PX	267	GOOG-BRWN-00475121	August 31, 2018 email chat regarding the "name" of Incognito mode	Palmer, Schuh	Admission		402, 403			
PX	268	GOOG-BRWN-00634672	November 7, 2018 email regarding "Incognito Deck"	Palmer	Admission		402, 403			
PX	269	GOOG-BRWN-00475202	February 6, 2019 email chat regarding incognito mode	Palmer	Admission		402, 403, H			
PX	270	GOOG-CABR-00411167	April 24, 2019 internal presentation titled "Incognito Icon Redesign Update"	Borsay, Harris, Hochman	Admission		402, 403, H			
PX	271	GOOG-CABR-04421250	May 16, 2019 internal presentation titled "PDPO Operating Committee Meeting No. 37"	Adhya, Borsay, Fair, Halavati, Mardini, McClelland	Admission		402, 403, H, MIL, LF			
PX	272	GOOG-CABR-05126022	March 22, 2019 email regarding notes from Sundar meeting	Bindra, Kleber, Mardini, McClelland, Tabriz	Admission		402, 403			
PX	273	GOOG-BRWN-00230425	July 15, 2020 email regarding updates on "Trust & Safety features in Chrome M83"	Mardini, Schuh	Admission		402, 403			
PX	274	GOOG-BRWN-00047399	September 24, 2018 internal document titled "What do we need to know about Chrome Incognito mode to improve it?"	Harris, Halavati	Admission		402, 403, H			
PX	275	GOOG-CABR-00410282	November 30, 2018 internal document titled "Incognito User Education PRD"	Borsay, Fair, Halavati, Harris, Mardini	Admission		402, 403, DRAFT			
PX	276	GOOG-CABR-00830718	July 30, 2019 email regarding notes from "SinRastro / Chrome" meeting	Adhya, Borsay, Fair, Halavati, McClelland	Admission		402, 403, H, MIL			
PX	277		Transcript of video clip of Eric Schmidt interview with ABC News from September 23, 2014	Palmer	Admission		402, 403, H, LF			
PX	278	GOOG-BRWN-00147870	May 22, 2019 internal document titled "Collecting incognito usage stats"	Borsay, Fair, Halavati, Mardini	Admission		402, 403			
PX	279	GOOG-CABR-04967959	January 17, 2020 email regarding " ▮ - ▮ sync"	Bindra, Felt, Halavati, Leung, Liao, Mardini, McClelland	Admission		402, 403, H			
PX	280	GOOG-CABR-00352924	February 3, 2016 email regarding "Incognito mode NTP"	Borsay	Admission		402, 403			
PX	281	GOOG-CABR-05468324	January 2015 internal document titled "Perceptions of Google Chrome Incognito"	Adhya, Borsay, Fair, Felt, Halavati, Harris, Mardini, Palmer, Schuh	Admission		402, 403, H			
PX	282	GOOG-BRWN-00391825	September 1, 2015 email regarding "Incognito mode action plan"	Borsay	Admission		402, 403			
PX	283	GOOG-BRWN-00185344	April 25, 2019 email regarding "Incognito Icon update for I/O"	Adhya, Borsay	Admission		402, 403, MIL			
PX	284		Letter 2022-03-01 Re Browser Intelligence Monitoring Dashboard	Hochman, Google document custodian	Admission		402, 403, LF, MIL, NE			
PX	285		Hochman Opening Report Appendix E	Hochman	Admission		402, 403, H, NE			
PX	286		30(b)(6) Sadowski Reference Sheet	Hochman	Admission		402, 403			
PX	287	GOOG-CABR-03611484	January 20, 2019 Document Re " ▮ / ▮ "	Bindra, Hochman	Admission		402, 403, LF			
PX	288	GOOG-CABR-04616196	February 2020 Presentation titled "AViD Product Review"	Google document custodian, Hochman	Admission		402, 403, MIL, LF			
PX	289	GOOG-BRWN-00535100	Presentation titled "ML@Google for Noogler"	Google document custodian, Hochman	Admission		402, 403, LF			
PX	290	GOOG-CABR-04626237	October 9, 2020 Document titled "Display Audience Deep Retrieval Model"	Google document custodian, Hochman	Admission		402, 403, LF			
PX	291	GOOG-CABR-04786706	May 2019 Document titled "Expert Series Smart Bidding & Creatives"	Fair	Admission		403, 402, H, LF			
PX	292	GOOG-BRWN-00529122	January 27, 2021 Email from Steve Hamilton	Google document custodian, Lasinski	Admission		402, 403, H, MIL, LF			
PX	293	GOOG-CABR-04959606	May 2020 Presentation Titled "Conversion Modeling"	Bindra, Liao, Hochman	Admission		402, 403, MIL			
PX	294	GOOG-CABR-03662975	June 4, 2020 Email from Chris Liao	Liao, Leung, Lasinski, Google document custodian	Admission		402, 403, MIL			
PX	295	GOOG-CABR-00547295	September 17, 2020 email from Bert Leung	Leung, Liu, Liao, Bindra, Hochman	Admission		402, 403, MIL			
PX	296		Transcript of video clip of Eric Schmidt December 12, 2014 interview with Cato Institute, https //www.youtube.com/watch?v=BH3vjTz8OII	Palmer	Admission		402, 403, H, LF			
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PX	298		June 14, 2022 Sramek Declaration	Google document custodian, Hochman	Admission		402, 403, MIL			
PX	299		August 18, 2022 Sramek Declaration	Google document custodian, Hochman	Admission		402, 403, MIL			
PX	300		Kuzniar Declaration Re OSC	Google document custodian, Hochman	Admission		402, 403, MIL			
PX	301		Lee Declaration Re OSC	Google document custodian, Hochman	Admission		402, 403, MIL			
PX	302		Liu Declaration Re OSC	Google document custodian, Hochman	Admission		402, 403, MIL			
PX	303		Maki Declaration Re OSC	Google document custodian, Hochman	Admission		402, 403, MIL			
PX	304		Panferov Declaration Re OSC	Google document custodian, Hochman	Admission		402, 403, MIL			

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PX	305		Sramek Declaration Re OSC	Google document custodian, Hochman	Admission		402, 403, MIL			
PX	306		Harren Declaration Re OSC	Google document custodian, Hochman	Admission		402, 403, MIL			
PX	307		Kahlon Declaration Re OSC	Google document custodian, Hochman	Admission		402, 403, MIL			
PX	308		Google's Response to OSC	Google document custodian, Hochman	Admission		402, 403, MIL			
PX	309		Ellis Declaration Re OSC	Google document custodian, Hochman	Admission		402, 403, MIL			
PX	310		Supplemental Lee Declaration Re OSC	Google document custodian, Hochman	Admission		402, 403, MIL			
PX	311		March 25, 2022 Stipulation re Google's maybe_chrome_incognito' field	Google document custodian, Hochman	Admission		402, 403, MIL			
PX	312	GOOG-CABR-04524174	March 9, 2021 Email from Lin	Google document custodian	Admission		402, 403, LF, MIL			
PX	313	GOOG-CABR-05410568	December 16, 2020 Presentation Titled PKS Scalable Pub-Keyed Serving Infrastructure	Google document custodian	Admission		402, 403, LF, MIL			
PX	314	GOOG-CABR-05880774	October 2026 Document Titled █████ Linkage Design"	Berntson	Admission		402, 403			
JX	315	GOOG-CABR-00058557	August 12, 2016 Document Titled "Display Ads ███████████"	**Plaintiffs:** Liao, Leung, Google document custodian **Google:** Psounis	**Plaintiffs:** Admission **Google:** Identification		402, 403, H			
PX	316	GOOG-BRWN-00858557	Retention Periods for Logs at Issue in the OSC	Google document custodian	Admission		402, 403, LF, MIL			
PX	317		December 21, 2022 Google's Administrative Motion Requesting Leave to Deprecate	Google document custodian, Hochman	Admission		402, 403, LF, NE, MIL			
PX	318		October 13, 2022 email from Tracy Gao to Ryan McGee	Google document custodian, Hochman	Admission		402, 403, LF, NE			
PX	319	GOOG-CABR-00543864	Presentation Titled Q4 "Team Deep Dive"	Liao, Hochman	Admission		402, 403			
PX	320		2022-10-25 Pothana Declaration	Google document custodian, Hochman	Admission		402, 403			
PX	321		2023-01-26 Google's Letter to Brown & Calhoun re ██ Mapping & Linking Tables	Google document custodian, Hochman	Admission		402, 403, LF, NE			
PX	322	GOOG-CABR-00891788	Presentation titled "Zwieback in a nutshell"	Google document custodian	Admission		402, 403, LF, MIL			
PX	323	GOOG-BRWN-00571408	Document Titled "The Zwieback One Pager"	Google document custodian	Admission		402, 403, LF, MIL			
PX	324	GOOG-BRWN-00078322	Document Titled "What is Zwieback"	Google document custodian	Admission		402, 403, LF, MIL			
PX	325	GOOG-CABR-00892610	August 16, 2023 Presentation Titled "Shu's Braindump"	Google document custodian	Admission		402, 403, LF			
PX	326	GOOG-BRWN-00436367	Document titled "Unified Cross-Device Conversion Tracking"	Google document custodian	Admission		402, 403, MIL, LF			
PX	327	GOOG-CABR-00394666	December 17, 2014 Presentation Titled "Display Ads Logging Overview"	Berntson	Admission		402, 403, LF			
PX	328	GOOG-CABR-00391067	May 2018 Document Titled "Rasta Pipelines"	Berntson	Admission		402, 403, LF			
PX	329	GOOG-BRWN-00029355	July 29, 220 Document titled "████ Logs"	Google document custodian	Admission		402, 403, LF			
PX	330	GOOG-CABR-04119782	July 22, 2019 Document titled █████ Logs"	Berntson	Admission		402, 403, LF			
PX	331	GOOG-BRWN-00858554	August 30, 2022 Document titled ██████████	Google document custodian	Admission		402, 403, LF			
PX	332	GOOG-BRWN-00858520	August 3, 2022 Document titled "A Gentle Introduction to Evenflow Spam Pipelines"	Google document custodian	Admission		402, 403, LF			
PX	333	GOOG-BRWN-00858530	November 2, 2022 Document titled "Deferred Counterfactuals (DCF) User Guide	Google document custodian	Admission		402, 403, LF			
PX	334	GOOG-CABR-04430230	December 16, 2020 Presentation titled "TurtleX Deepdive"	Google document custodian	Admission		402, 403, LF			
PX	335	GOOG-CABR-04737037	Document titled "Turtledove Design Summary"	Google document custodian	Admission		402, 403, LF			
PX	336		2022-03-02 List of Preserved Data Sources	Google document custodian, Hochman	Admission		402, 403, NE			
PX	337		2021-12-15 Google's Letter to Special Master Brush	Google document custodian, Hochman	Admission		402, 403, NE			
PX	338		2021-11-18 Brown Omnibus Sheet	Google document custodian, Hochman	Admission		402, 403			
PX	339		2021-12-02 log schemas reconciliation	Google document custodian, Hochman	Admission		402, 403, H, NE			
PX	340		2021-12-06 Brown - Special Master Submission	Google document custodian, Hochman	Admission		402, 403			
PX	341		2021-12-08 Google Letter to Special Master Brush	Google document custodian, Hochman	Admission		402, 403			
PX	342		2021-12-08 Brown - Google Submission to Special Master	Google document custodian, Hochman	Admission		402, 403			
PX	343		████████████ - Working.xlsx	Google document custodian, Hochman	Admission		402, 403			
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PX	345		██████████.xlsx	Google document custodian, Hochman	Admission		402, 403			
PX	346		2022-03-04 Google Letter to Special Master along with Top██ fields for ██ logs	Google document custodian, Hochman	Admission		402, 403, H, NE			
PX	347		2022-03-10 Brown v. Google – Fields for ██ Logs	Google document custodian, Hochman	Admission		402, 403, MIL			
PX	348		2022-03-17 Letter to Mao re Chung Deposition Follow-up	Google document custodian, Hochman	Admission		402, 403, H, NE			
PX	349		2022-03-30 Brown v. Google - Google Letter re ████ Logs	Google document custodian, Hochman	Admission		402, 403, H, NE			
PX	350	GOOG-CABR-05323593	April 24, 2018 Presentation Titled "DRX GKS Update"	Berntson	Admission		402, 403			
PX	351		January 13, 2012 Letter from Jonathan Tse	Google document custodian	Admission		402, 403, H, NE			
PX	352		February 5, 2021 Letter from Joseph Ansorge	Google document custodian	Admission		402, 403, H, NE, LF			
PX	353		April 29, 2021 Hearing Tr at 16 16-20 2		Admission		402, 403, H, NE			
PX	354		April 29, 2021 Hearing Tr at 24 11-13		Admission		402, 403, H, NE			
PX	355		April 29, 2021 Hearing Tr at 25 20		Admission		402, 403, H, NE			
PX	356		Dkt. 338 Golueke Declaration	Hochman, Google document custodian	Admission		402, 403			
PX	357		Liao Tr. at 133 23-134 3	Liao	Admission		402, 403, H			

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PX	358	GOOG-CABR-04207527	July 26, 2019 Internal Document Titled "Linking Zwieback and ADID on Search on Android"	Liao			402, 403, MIL		Yes	
PX	359	GOOG-CABR-05291653	Internal Document Titled ▮▮▮ Overview"	Liao	Admission		402, 403, MIL			
PX	360	GOOG-CABR-03662816	December 7, 2016 Internal document titled "Cross Device"	Liao			402, 403, MIL		Yes	
PX	361		Spreadsheet Titled 2021-09-17 Brown v. Google Data Sets	Hochman	Admission		402, 403			
PX	362		Hochman Opening Report Appendix F	Hochman	Admission		402, 403, H, NE			
PX	363		Rule 1006 Summary Re the amount of documents produced for each Google custodian that contain "Incognito" and the same for "▮▮▮▮"	Google document custodian	Admission		402, 403, LF, NE, Description insufficient to identify exhibit			
JX	364	GOOG-BRWN-00027368	Presentation titled "DRX Identity"	**Plaintiffs** Google document custodian **Google** Berntson	**Google: Admission**		403, H	Objections to Google's Use: Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).	Yes	
PX	365	GOOG-CABR-00399988	Document titled ▮▮▮ Linkage Service APIs"	Liao, Hochman, Google document custodian	Admission		402, 403			
PX	366	GOOG-BRWN-00540053	7/6/21 Document titled "Sammit Adhya, PM Transfer Candidate"	Adhya	Admission		402, 403			
PX	367	GOOG-BRWN-00176724	6/18/20 Messages between Greg Fair and Sammit Adhya	Adhya; Greg Fair	Admission		403, 402, H			
PX	368	GOOG-BRWN-00176684	6/28/20 Email Thread titled "re reuters inacurate YouTube Incognito press"	Adhya	Admission		402, 403, H, MIL			
PX	369	GOOG-CABR-04678695.R	9/2020 Presentation Titled "AUID For Adwords"	Chung, Hochman, Google document custodian	Admission		402, 403, LF			
PX	370	GOOG-BRWN-00548804	3/2021 Internal Document Titled "GA4 Euid Web Tagging Design"	Chung	Admission		402, 403, H			
PX	371	GOOG-BRWN-00711561	2/2021 Internal Communications Document on Remarketing re GA4	Chung, Hochman	Admission		402, 403, LF, H			
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PX	373	GOOG-BRWN-00386192	5/12/2020 Email Thread titled "Inferring Incognito Traffic from server side"	Chung	Admission		402, 403, H, LF			
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PX	375	GOOG-BRWN-00397243	8/30/16 Email Thread Titled "HEIST is a good reason to revisit third-party cookie handling?"	Schuh, Hochman	Admission		402, 403			
PX	376	GOOG-BRWN-00230547	8/1/19 Email Thread Titled "Privacy-Focused Chrome Next steps in August"	Schuh	Admission		402, 403			
PX	377	GOOG-BRWN-00476117	9/24/19 Messages between various Google employees	Schuh	Admission		402, 403, H			
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JX	379	GOOG-CABR-X-00000467	Internal Screenwise Compensation Document	**Plaintiffs:** Walker **Google:** Strombom	**Plaintiffs:** Admission **Google:** Identification		402, 403			
PX	380	GOOG-BRWN-00017195	Google AdManager document titled "Tools to help publishers comply with the GDPR"	Bhatnagar	Admission		402, 403, LF, MIL			
PX	381	GOOG-BRWN-00436240	6/12/19 internal document titled "Project ▮▮▮"	Bhatnagar	Admission		402, 403			
PX	382	GOOG-CABR-03821938	6/8/2020 Email Thread titled "OKR for ▮▮▮"	Bhatnagar	Admission		402, 403			
PX	383	GOOG-CABR-04889676	8/26/2020 Email Thread titled "[LAUNCHED] Project Frogger - Frequency Management & ▮▮▮▮ for GDA	Bhatnagar	Admission		402, 403			
PX	384	GOOG-BRWN-00050971	4/26/20 Document titled "▮▮▮ - Rollout plan"	An	Admission		402, 403, MIL			
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PX	386	GOOG-CABR-04625213	2020 Google document titled "Ads Impact and Response from ▮▮▮ and SameSite & Secure' Launches"	McClelland	Admission		402, 403, MIL			
PX	387	GOOG-CABR-01561549	7/30/20 email thread titled "Successful job ▮▮▮ started at Thu 15 11 PDT"	McClelland	Admission		402, 403			
PX	388		Excerpt of Transcript from April 21, 2022 sanctions hearing at 182 17-183 5	Leung	Admission		402, 403, H, MIL			
PX	389		Excerpt of Transcript from December 2, 2022 Liao Deposition, 12 19–23, 13 4–6	Liao	Admission		402, 403, H			
PX	390		Excerpt of Transcript from December 2, 2022 Liao Deposition, 31 25–32 4, 32 6–15, 32 17–20	Liao	Admission		402, 403, H			
PX	391		Excerpt of Transcript from December 2, 2022 Liao Deposition, 62 16, 62 18–24	Liao	Admission		402, 403, H			
PX	392		Excerpt of Transcript from December 2, 2022 Liao Deposition, 73 18–74 7, 74 12–25	Liao	Admission		402, 403, H			
PX	393		Excerpt of Transcript from December 2, 2022 Liao Deposition, 77 8–13, 77 15–25	Liao	Admission		402, 403, H			
PX	394		Excerpt of Transcript from December 2, 2022 Liao Deposition, 78 11–16, 78 18–79 2	Liao	Admission		402, 403, H			
PX	395		Excerpt of Transcript from December 2, 2022 Liao Deposition, 99 4–12	Liao	Admission		402, 403, H			
PX	396		Excerpt of Transcript from December 2, 2022 Liao Deposition, 161 6–11	Liao	Admission		402, 403, H			
PX	397		Rule 1006 Summary Re The data that Google collects on non-Google websites that were visited in a private browsing mode, as produced during the Special Master Process and reflected in the Hochman Opening Report, pp 68–69, pp. 106–107, Exhibit C, and Appendix I; and Hochman Rebuttal Report, pp. 17–35, 43.	Hochman	Admission		402, 403, H, MIL			

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PX	398		Rule 1006 Summary Re The logs that Google has implemented Incognito Detection Bits and associated field names, as identified during the Special Master Process and reflected in the Hochman Opening Report, pp. 120–128; as identified subsequent to the Court s first sanctions order and reflected in the Hochman Rebuttal Report, pp. 15–17, Appendix K; and as identified during the Court s second sanctions briefing and reflected in the Hochman Supplemental Report, pp. 5–13, 13–16.	Hochman	Admission		402, 403, H, MIL			
PX	399		Rule 1006 Summary Re The accuracy of Google s Incognito Detection Bits, as produced during the Special Master Process and reflected in the Hochman Rebuttal Report, pp. 13–14.	Hochman	Admission		402, 403, H, MIL			
PX	400		Rule 1006 Summary Re The accuracy of using the X-Client-Data Header to detect Incognito mode, as produced during the Special Master Process and reflected in the Hochman Rebuttal Report, pp. 14–15.	Hochman	Admission		402, 403, H, MIL			
PX	401		Rule 1006 Summary Re The prevalence of Google s tracking beacons on non-Google websites, as reflected in the Hochman Opening Report, pp. 136–139.	Hochman	Admission		402, 403, H			
PX	402		Rule 1006 Summary Re Summary of Google s Unjust Enrichment, as reflected in the Lasinski Opening Report, Figure 56.	Lasinski	Admission		402, 403, H, LF, MIL, NE			
PX	403		Rule 1006 Summary Re Summary of Actual Damages caused by Google s unlawful conduct, as reflected in the Lasinski Opening Report, Figure 71.	Lasinski	Admission		402, 403, H, LF, MIL, NE			
PX	404		Rule 1006 Summary Re Browser Market Share, as reflected in the Lasinski Opening Report, Figure 1.	Lasinski	Admission		402, 403, H, LF, MIL, NE			
PX	405		Rule 1006 Summary Re The results of the survey, as reflected in the Keegan Rebuttal Report, Paragraph 8.	Keegan	Admission		403, 402, H, NE			
PX	406		2022-03-04 SM Letter Follow Up - Google edits	Hochman, Google document custodian	Admission		402, 403, H, NE, LF, MIL			
PX	407	GOOG-BRWN-00023909	Document dated 2/1/2021 with columns of Name Organizational Division Name of Manager Title	Hochman, Google document custodian	Admission		402, 403, LF			
PX	408	GOOG-BRWN-00026812	Document dated 11/03/2020 titled Life of a Visit	Hochman, Google document custodian	Admission		402, 403, LF			
PX	409	GOOG-BRWN-00026913	11/17/2020 (created) Power Point presentation. Re ITP & Site Wide Tagging GMS Training	Hochman, Google document custodian			402, 403, LF		Yes	
JX	410	GOOG-BRWN-00026989	Document dated December 2019 titled How to lead in a privacy-first era	**Plaintiffs:** Hochman, Google document custodian **Google:** Amir	**Plaintiffs:** Admission **Google:** Identification		402, 403, H, LF	**Objections to Google's Use:** Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
PX	411	GOOG-BRWN-00027102	Document dated July 2020 titled Incognito Mode	Halavati, Hochman	Admission		402, 403, LF			
PX	412	GOOG-BRWN-00027314	Document dated 11/14/2019 titled Conversion Tracking in Firefox Private Browsing Mode	Hochman, Google document custodian	Admission		402, 403, MIL, LF			
PX	413	GOOG-BRWN-00028052	Presentation dated 3/26/2019 "Incognito Summit"	Hochman, Google document custodian			402, 403, LF		Yes	
PX	414	GOOG-BRWN-00029378	Spreadsheet dated 03/31/2021	Hochman, Google document custodian	Admission		402, 403, LF			
PX	415	GOOG-BRWN-00033024	Document dated 12/21/2020 with header labeled ▮	Hochman, Google document custodian			402, 403, LF		Yes	
PX	416	GOOG-BRWN-00035610	Document dated 09-17-14 titled Incognito Searches and Logged In Incognito Searches	Hochman, Google document custodian	Admission		402, 403, LF			
PX	417	GOOG-BRWN-00060463	Document dated 10-31-16 with filename Prompts to Use Incognito.	Fair, Hochman	Admission		403, 402, H, LF			
PX	418	GOOG-BRWN-00072051	Document dated 05/14/2019 titled Incognito mode	Hochman, Google document custodian	Admission		402, 403, LF			
PX	419	GOOG-BRWN-00072055	Presentation dated 11-18-19 ▮▮▮ + Sin Rastro Sprint Outcomes	Hochman, Google document custodian	Admission		402, 403, LF			
PX	420	GOOG-BRWN-00144320	Presentation dated 2/3/2015 "AdWords Conversions"	Bhatnagar, Hochman			402, 403, MIL		Yes	
PX	421	GOOG-BRWN-00148029	Presentation dated 06/25/2019 titled Giving Search users more privacy choices	Borsay, Fair, Mardini, Hochman			402, 403, MIL		Yes	
PX	422	GOOG-BRWN-00148738	Presentation dated 03/19/2019 titled Sin Rastro Summit Slides to Print	Borsay, Fair, Mardini, Hochman	Admission		402, 403			
PX	423	GOOG-BRWN-00149515	Documents dated 08/24/2020 titled ▮ Side Loading in Analytics.js	Berntson, Hochman			402, 403, LF		Yes	
PX	424	GOOG-BRWN-00149849	Document dated 04/21/2015 titled Publisher Provided ID (PPID) Serviceability	Berntson, Hochman, Bindra	Admission		402, 403			
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JX	426	GOOG-BRWN-00156752	Presentation dated 04/13/2020 titled Sin Rastro Brand Research Overview (go/sinrastro-brand-research)	**Plaintiffs:** Fair, Hochman, Lasinski **Google:** Amir	**Plaintiffs:** Admission **Google:** Identification		403, 402, H, LF	**Objections to Google's Use:** Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
PX	427	GOOG-BRWN-00161432	Dynamic Remarketing Notes for 2015 (from 4/1/2015 through 10/4/2015).	Borsay, Mardini, Hochman			402, 403		Yes	
PX	428	GOOG-BRWN-00164509	Document dated 11-25-20 titled Incognito (and Guest) Metrics	Borsay, Fair, Mardini, Hochman	Admission		402, 403			
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PX	430	GOOG-BRWN-00166360	Presentation dated 12/18/14 titled Google Incognito	Borsay, Hochman	Admission		402, 403, H			

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PX	431	GOOG-BRWN-00176433	7/22/2020 email from Othar Hansson re Metrics PRD Meas... - FYI - for Chrome users, it's technica...	Fair, Hochman	Admission		403, 402, H, LF, MIL			
PX	432	GOOG-BRWN-00183909	7/2/2020 Email from Ramin Halavati Re Use of Incognito dropped ▓ since the beginning of the year.	Borsay, Hochman	Admission		402, 403, MIL			
PX	433	GOOG-BRWN-00186446	January 2019 presentation titled Incognito Success & Misses A Few Recent Studies	Harris, Hochman	Admission		402, 403, H			
PX	434	GOOG-BRWN-00204684	Document dated 5/12/20 titled How to Detect Chrome Incognito Mode?	Leung, Hochman, Google document custodian, Liao, Adhya, Halavati	Admission		402, 403, MIL			
PX	435	GOOG-BRWN-00207020	Presentation titled "Provably Private Networking PRD	Adhya, McClelland, Halavati, Hochman			402, 403, H, LF		Yes	
PX	436	GOOG-BRWN-00229628	CSV document titled Affinity.csv	Hochman, Google document custodian	Identification		402, 403			
PX	437	GOOG-BRWN-00229632	CSV document titled in-market_categories.csv	Hochman, Google document custodian	Identification		402, 403			
PX	438	GOOG-BRWN-00410076	Email dated 7/11/08 from Adam Barth re Re [Chrome-team] Re Chrome redirect loop issue -- observation	Rakowski, Hochman	Admission		402, 403			
PX	439	GOOG-BRWN-00410821	Email dated 6/19/17 from Jochen Eisinger re Re Opening Guest/Incognito mode directly from content area	Schuh, Hochman	Admission		402, 403			
PX	440	GOOG-BRWN-00424253	Document dated 9/8/2017 DVAA (Display, Video Ads, Analytics and Apps) 2018 Strategy Book Version 2	Bhatnagar, Hochman			402, 403, MIL		Yes	
PX	441	GOOG-BRWN-00432838	Document dated 8/31/16 ▓ and ▓ Display GKS Integration	Berntson, Fair, Hochman			402, 403, MIL		Yes	
PX	442	GOOG-BRWN-00433264	Document dated 2/14/17 titled Logging encrypted B-ID in ▓ For ▓	Berntson, Fair, Hochman			402, 403		Yes	
PX	443	GOOG-BRWN-00455104	Email dated 12/13/19 from Ramin Halavati re Re ▓ - ▓ sync	Mardini, Hochman	Admission		402, 403, MIL			
PX	444	GOOG-BRWN-00466617	Document created 10/6/15 with filename Consent Workflow - PRIVILEGED & CONFIDENT_1i8BCesOC8eXFGxdfOU7oAsSXJdCqu-pp0dDc3FpRoqw.xlsx	Hochman, Google document custodian	Admission		402, 403, LF			
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PX	446	GOOG-BRWN-00467569	Document titled PPN on Chrome PRD	Hochman, Google document custodian	Admission		402, 403, LF			
PX	447	GOOG-BRWN-00471401	Email dated 10/5/17 from Emil Ochotta re Re % of users in signed-in *and* signed-out state?	Hochman, Google document custodian	Admission		402, 403, LF			
PX	448	GOOG-BRWN-00475278	Email dated 6/21/19 from kaustubhag@google.com re AAAA6sJ9i9E-qxpPdcRaNcI	Kleber, Schuh, Hochman	Admission		402, 403, H			
PX	449	GOOG-BRWN-00491711	Presentation titled Google Analytics Crash Course Copy (March, 2018)	Hochman, Google document custodian	Identification		402, 403, LF, MIL			
PX	450	GOOG-BRWN-00536949	Document created 5/4/2017 titled Chrome Incognito Logging for Location Attachment Analysis.	Halavati, Hochman	Admission		402, 403, DRAFT, LF, MIL			
PX	451	GOOG-BRWN-00549861	Presentation created 11/10/20 titled ▓ ▓ (go ▓ -privacy-slides)	Hochman, Google document custodian			402, 403, LF		Yes	
PX	452	GOOG-BRWN-00561172	Presentation created 5-27-16 titled Privacy Consulting Onboarding - Part 3 - Deep Dives	Adhya, Hochman	Identification		402, 403, H			
PX	453	GOOG-BRWN-00562313	Document created 11/19/2010 titled Cookie Overview-Supporting Anonymous Use, an overview of unauthenticated data used by Google services.	Adhya, Hochman	Admission		402, 403, LF			
PX	454	GOOG-BRWN-00571757	Presentation dated 2/10/21 titled xGA Incognito Delightful Sign-postings & Animations	Adhya, Hochman	Admission		402, 403, H, MIL			
PX	455	GOOG-BRWN-00572220	Presentation AGA Incognito MVP	xPUR Aug-2020	Hochman, Google document custodian	Admission		402, 403, MIL			
PX	456	GOOG-BRWN-00601937	Email dated 5/25/20 from Ramin Halavati re Re How much can we fingerprint incognito users now?	Halavati, McClelland, Hochman			402, 403, H, LF		Yes	
PX	457	GOOG-BRWN-00605636	Email dated 12/9/20 from Peter Dijkgraaf re Chrome Incognito 2021 (go/incognito2021)	Halavati, Hochman			402, 403, H, LF		Yes	
PX	458	GOOG-BRWN-00613409	Email dated 9/13/19 from Tom Bergan re Re Willful IP Blindness	Adhya, McClelland, Palmer, Hochman	Admission		402, 403, MIL			
PX	459	GOOG-BRWN-00613801	Email dated 10/21/19 from Christian Dullweber re Report	Incognito... - This is really interesting. I would s...	Adhya, Hochman			402, 403, MIL		Yes	
PX	460	GOOG-BRWN-00663644	Presentation titled Chrome Incognito 2021+ (go/incognito2021)	Borsay, Halavati, Hochman			402, 403, H, LF		Yes	
PX	461	GOOG-BRWN-00699213	Email dated 4/28/19 from Sammit Adhya re Incognito I/O Com... - see my comments about the account abo...	McClelland, Hochman	Admission		402, 403			
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Prefix	Ex. No.	Begin Bates	Description	Sponsoring Witness	Expert Identification	Stipulation to Admit	Google Objections	Plaintiffs' Objections	Injunction Phase of Trial (Plaintiffs Only)	Date Admitted
PX	463	GOOG-BRWN-00749001	Document created 4-12-18 titled Comm Doc Analytics Cross-device Conversions Export to Google Ads	Hochman, Google document custodian	Admission		402, 403			
PX	464	GOOG-BRWN-00817563	Document titled GOOGLE SUBSCRIBER INFORMATION Google Account ID ▮▮▮	**Plaintiffs:** Hochman, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
PX	465	GOOG-BRWN-00819269	12/20/2021 Export Summary	Hochman, Google document custodian	Admission	Yes				
PX	466	GOOG-BRWN-00819272	Document titled GOOGLE SUBSCRIBER INFORMATION Google Account ID ▮▮▮	**Plaintiffs:** Hochman, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
PX	467	GOOG-BRWN-00819441	Document titled Google Subscriber Information Google Account ID ▮▮▮ Name Chris Castillo	**Plaintiffs:** Hochman, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
PX	468	GOOG-BRWN-00819830	Document titled Google Subscriber Information Google Account ID ▮▮▮ Name Jeremy Davis	**Plaintiffs:** Hochman, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
PX	469	GOOG-BRWN-00820370	Document titled GOOGLE SUBSCRIBER INFORMATION Google Account ID ▮▮▮ Name Josh Byatt	**Plaintiffs:** Hochman, Google document custodian **Google:** Fair	**Plaintiffs:** Admission **Google:** Admission	Yes				
PX	470	GOOG-BRWN-00825708	Chart listing each of the plaintiffs and showing results of NIDs to Search.	Hochman, Google document custodian	Admission		402, 403, MIL, ID			
PX	471	GOOG-BRWN-00825709	Google generated report about Plaintiff Davis	Hochman, Google document custodian	Admission		402, 403, ID			
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PX	479	GOOG-BRWN-00844093	Document created 9-21-21 titled DV3 mApp Measurement	Leung, Hochman, Google document custodian	Admission		402, 403, H, LF			
PX	480	GOOG-BRWN-00844165	Presentation titled Emerging Identity Initiatives (2019 Q4)	Leung, Hochman, Google document custodian	Admission		402, 403, ID, LF, MIL			
PX	481	GOOG-BRWN-00845585	Email dated 12-2-20 from Yu Wang dated Detect 3P Cookie ... - @ywg@google.com Hi Yu, AFAIK one of...	Leung, Hochman, Google document custodian	Admission		402, 403			
PX	482	GOOG-BRWN-00846942	Document dated 12/22/21 titled WebView Detection for ▮▮▮	Liu, Hochman, Google document custodian	Admission		402, 403, LF			
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PX	485	GOOG-BRWN-00848368	Spreadsheet with filename Top ▮▮▮ Fields for ▮▮▮ Logs.xlsx	Hochman, Google document custodian	Admission		402, 403, LF, MIL			
PX	486	GOOG-CABR-00000015	Document created 8-18-21 with filename Incognito Metrics.pdf	Hochman, Google document custodian	Admission		402, 403, LF			
PX	487	GOOG-CABR-00050450	January 22, 2020 document titled "Overview - Gaia"	Hochman, Google document custodian	Admission		402, 403, LF, MIL			
PX	488	GOOG-CABR-00059481	December 21, 2020 presentation titled "Life of a GPT Ad Request"	Hochman, Google document custodian	Admission		402, 403, LF			
PX	489	GOOG-CABR-00059774	December 21, 2020 dated document titled "Measuring Identifiability of Web Platform Procedures"	Hochman, Google document custodian	Admission		402, 403, LF			
PX	490	GOOG-CABR-00228748	March 6, 2020 email from Jochen Eisinger regarding "Chrome Incognito Logging"	Mardini, Hochman	Admission		402, 403			
PX	491	GOOG-CABR-00374449	Q3 2019 dated document titled "Chrome UMA Demographics V1"	Felt, Kleber, Hochman	Admission		402, 403			
PX	492	GOOG-CABR-00377968	May 4, 2016, document titled "How GA Remarketing Works (go/remarketing-for-dummies)"	Hochman, Google document custodian	Admission		402, 403, LF			
PX	493	GOOG-CABR-00381312	November 2019 presentation titled "Google Analytics Starting Conversation"	Hochman, Google document custodian			402, 403, LF		Yes	
PX	494	GOOG-CABR-00398813	August 11, 2020 document titled "PubTags plans on Chrome User Agent Freeze & UserAgent Client Hints"	Hochman, Google document custodian			402, 403, LF		Yes	
PX	495	GOOG-CABR-00399412	April 27, 2017 document titled "GDN View-Through Conversions for GKS"	Liao, Hochman, Google document custodian			402, 403, MIL		Yes	
PX	496	GOOG-CABR-00399928	April 19, 2019 document titled "Future of Identity Linking in Display Ads"	Liao, Hochman, Google document custodian	Admission		402, 403, LF			
PX	497	GOOG-CABR-00421851	November 16, 2019 document titled "Marketing/Comms/PR Messaging with Various Chrome Options"	Borsay, Hochman	Admission		402, 403, MIL			
PX	498	GOOG-CABR-00427432	March 4, 2010 document titled "Platforms and Ecosystems Team Munich Meeting Agendas"	Borsay, Hochman	Identification		402, 403			
PX	499	GOOG-CABR-00429070	January 28, 2013 document titled "Chrome Security Weekly Minutes"	Borsay, Felt, Schuh, Hochman	Admission		402, 403, MIL			
PX	500	GOOG-CABR-00430662	June 19, 2014 document titled "go/finch-cross-id"	Borsay, Hochman	Identification		402, 403			
PX	501	GOOG-CABR-00484121	January 23, 2020 email from Alevei Svitkine Re UMA expiry & reset	Hochman, Google document custodian	Admission		402, 403, LF			
PX	502	GOOG-CABR-00487012	May 7, 2020 email from Ramin Halavati Re Measuring Searches in Incognito (for experiments)	Borsay, Harris, Halavati, Mardini, Hochman	Admission		402, 403, H			

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PX	503	GOOG-CABR-00546721	Email dated 5/28/20 from Bert Leung re Re Follow up on ▮▮▮ impact mitigation	Bindra, Leung, Liao, Hochman	Admission		402, 403, MIL			
PX	504	GOOG-CABR-00800511	Email dated 7/31/19 from jkarlin@google.com re AAAA6sJ9i9E-Nq3JiJxNa68	Hochman, Google document custodian	Admission		402, 403, LF			
PX	505	GOOG-CABR-00890415	Email dated 10/15/15 from Bryan McQuade re Re How to set up Finch experiment to report to google domains	Kleber, Hochman			402, 403		Yes	
PX	506	GOOG-CABR-00892264	Document dated 4/14/14 titled ID (Biscotti) Cookie v2 Design	Hochman, Google document custodian	Admission		402, 403, LF			
PX	507	GOOG-CABR-00894548	August 9, 2020 presentation titled "AdWords Web Conversion Tracking"	Hochman, Google document custodian	Admission		402, 403, LF, MIL			
PX	508	GOOG-CABR-00903677	September 28, 2017 document titled "First-Party Conversion Tracking (1PCT)"	Kleber, Hochman	Admission		402, 403			
PX	509	GOOG-CABR-03618860	Document dated 10/30/18 titled Comm Doc Cross-Device Conversions (Full Launch) - go/crossdevice	Hochman, Google document custodian			402, 403, LF, MIL		Yes	
PX	510	GOOG-CABR-03622146	Document dated 12/15/14 titled DRX cross-device & PPID update	Hochman, Google document custodian			402, 403, LF		Yes	
PX	511	GOOG-CABR-03652549	Presentation titled Double-Double Logging and Joinability	Liao, Hochman, Google document custodian	Admission		402, 403			
PX	512	GOOG-CABR-03652751	January 2016 presentation titled ▮▮▮	Liao, Hochman, Google document custodian	Admission		402, 403, MIL			
PX	513	GOOG-CABR-03653330	Presentation titled Personal Logs for Display Ads	Liao, Hochman, Google document custodian	Admission		402, 403			
JX	514	GOOG-CABR-03662096	Presentation titled ▮▮▮ Past, Present, and Future	**Plaintiffs:** Liao, Hochman, Google document custodian **Google:** Psounis	**Google:** Identification		402, 403	**Objections to Google's Use:** Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).	Yes	
PX	515	GOOG-CABR-03662990	Email dated 6/4/20 from Chris Liao re Re Incognito Chrome 3P Blocking	Liao, Hochman, Google document custodian	Admission		402, 403			
PX	516	GOOG-CABR-03663606	Email dated 5/28/2020 from Jing Kong Google.com Mail - Re Incognito Chrome 3P Blocking	Liao, Hochman, Google document custodian	Admission		402, 403, MIL			
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PX	518	GOOG-CABR-03669893	Presentation dated 2/1/17 titled AQER - Project ▮▮▮ - Model-based estimation of x-device conversions	Hochman, Google document custodian			402, 403, LF		Yes	
PX	519	GOOG-CABR-03670580	Document titled ▮▮▮ x-device conversion estimation	Hochman, Google document custodian			402, 403, LF		Yes	
PX	520	GOOG-CABR-03710192	Document dated 1/22/20 titled UMA Demographics Validation	Felt, Harris, Hochman	Admission		402, 403			
PX	521	GOOG-CABR-03710213	Document dated 05/26/2016 titled UMA opt-out FAQ	Hochman, Google document custodian	Admission		402, 403, LF			
PX	522	GOOG-CABR-03716577	Presentation titled PLogs and Privacy	Monsees, Hochman	Admission		402, 403			
PX	523	GOOG-CABR-03717199	Presentation from Fall 2014 titled UMA + Finch Tech Talk	Hochman, Google document custodian	Identification		402, 403, LF			
PX	524	GOOG-CABR-03717247	Presentation created 8/1/14 titled UMA Tutorial	Hochman, Google document custodian			402, 403, LF		Yes	
PX	525	GOOG-CABR-03719284	September 2018 document titled Project Plan OGT/GTM dclid support	Hochman, Google document custodian			402, 403, LF		Yes	
PX	526	GOOG-CABR-03738741	January 2010 document titled Conversion Tracking An Introduction	Hochman, Google document custodian	Admission		402, 403, LF			
PX	527	GOOG-CABR-03742530	Document dated 10/13/17 titled Parent Targeting	Hochman, Google document custodian	Identification		402, 403, LF			
PX	528	GOOG-CABR-03841719	Document titled Safari ITP Impact History	Liao, Hochman, Google document custodian			402, 403, LF, MIL		Yes	
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PX	530	GOOG-CABR-04006287	Document dated 9/18/19 titled State of Fingerprinting Ecosystem	Kleber, Hochman	Admission		402, 403			
PX	531	GOOG-CABR-04009739	Document dated 3/11/16 - Labrador Blowup Factor Pipeline Optimization Design	Hochman, Google document custodian			402, 403, LF, MIL		Yes	
PX	532	GOOG-CABR-04073287	Document dated 10/13/19 titled [DEPRECATED] User Guide for Google Panels Data	Harris, Hochman			402, 403, LF, MIL		Yes	
PX	533	GOOG-CABR-04076570	Document dated 12-1-20 titled AUID Conversion Tracking for Google Ads	Hochman, Google document custodian			402, 403, LF		Yes	
PX	534	GOOG-CABR-04077431	Document dated 8-7-20 titled ▮▮▮	Hochman, Google document custodian			402, 403, LF		Yes	
PX	535	GOOG-CABR-04081967	Document titled PRD - Project ▮▮▮ Google Analytics Cross-Device Conversion Export to Ads	Hochman, Google document custodian			402, 403, LF		Yes	

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PX	536	GOOG-CABR-04092489	Document titled ▮▮▮ blow-up factor estimation model	Kleber, Liao, Monsees, Hochman			402, 403		Yes	
PX	537	GOOG-CABR-04118321	Presentation titled Sellside Frogger Deck - Overview and status (go/sellside-frogger-deck)	Bindra, Berntson, Bhatnagar, Liao, Hochman			402, 403		Yes	
PX	538	GOOG-CABR-04122554	Presentation titled Project Frogger Pub 1p Ids	Berntson, Hochman			402, 403		Yes	
PX	539	GOOG-CABR-04126517	January 2017 document dated Identity Linkage Infrastructure Vision	Berntson, Hochman			402, 403		Yes	
PX	540	GOOG-CABR-04141174	Document dated 3/5/14 titled Display Proto Annotations	Kleber, Liao, Hochman			402, 403		Yes	
PX	541	GOOG-CABR-04141705	Document dated 2/26/17 titled GKS Data Ingestion for Google Analytics	Liao, Hochman, Google document custodian			402, 403, LF, MIL		Yes	
PX	542	GOOG-CABR-04147060	Presentation dated 4/8/2019 titled Pub Tags Deep Dive.	Hochman, Google document custodian	Admission		402, 403, LF			
PX	543	GOOG-CABR-04177585	Email dated 9/10/2019 from JK Kearns re Incognito/search logs thought	Monsees, Hochman	Admission		402, 403, MIL			
PX	544	GOOG-CABR-04204890	Document titled PCS v4 Click Manual Testing	Liao, Hochman, Google document custodian			402, 403, LF		Yes	
JX	545	GOOG-CABR-04206179	Presentation dated Biscotti Cookie Deep Dive	**Plaintiffs:** Liao, Hochman, Google document custodian **Google:** Psounis	**Plaintiffs:** Admission **Google:** Identification		403, H			
PX	546	GOOG-CABR-04207454	Presentation dated 4/29/20 titled Deep Dive in ▮ Migration	Liao, Hochman, Google document custodian			402, 403, LF, H		Yes	
PX	547	GOOG-CABR-04215325	Document dated 1/28/19 titled IPv6 Address Privacy Brainstorm	Kleber, Hochman	Admission		402, 403, LF			
PX	548	GOOG-CABR-04293141	Email dated 4/22/21 from Alexei Svitkine re Re UMA joinability/reidentification based on hardware configuration fingerprinting	Felt, Hochman	Admission		402, 403, LF			
PX	549	GOOG-CABR-04294727	Email dated 1/7/16 from Tom Kershaw re Re Forbes publishes results of it's ad blocker thwarting experiment	Kleber, Hochman			402, 403, H, MIL		Yes	
PX	550	GOOG-CABR-04408590	Document titled ▮▮▮▮ reimport list for b/25967339	Hochman, Google document custodian	Admission		402, 403, LF			
PX	551	GOOG-CABR-04410117	Document titled Analytics Fields Tracked and Resulting Effects	Hochman, Google document custodian			402, 403, LF		Yes	
PX	552	GOOG-CABR-04413020	DCLID Launch Email	Hochman, Google document custodian	Admission		402, 403, LF			
PX	553	GOOG-CABR-04417613	Presentation titled PWG Review IP-based Filters in ▮▮▮	Hochman, Google document custodian	Admission		402, 403, LF			
PX	554	GOOG-CABR-04418137	Document dated 11/5/18 titled Cross-Domain Linking 2.0	Hochman, Google document custodian			402, 403, LF		Yes	
PX	555	GOOG-CABR-04419756	Document dated 11/16/17 titled Comm Doc [gtag.js aka One Google Tag] [Launched] gtag.js across Google platforms (go/gtag-commdoc)	Hochman, Google document custodian			402, 403, LF		Yes	
PX	556	GOOG-CABR-04423260	Presentation titled Cookies and Audience 101 - Nov 2016	Hochman, Google document custodian	Admission		402, 403, LF			
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PX	558	GOOG-CABR-04477378	December 2019 Presentation titled UMA - User Metric Analysis	Hochman, Google document custodian	Admission		402, 403, LF			
PX	559	GOOG-CABR-04483323	Document dated 2/11/2020 titled Incognito Metrics	Adhya, Halavati, Hochman, Borsay, Mardini	Admission		402, 403, LF			
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PX	561	GOOG-CABR-04486185	Document dated 4/20/21 titled Sending last power-wash date to UMA for Churn Analysis	Halavati, Hochman			402, 403, DRAFT, LF, H		Yes	
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PX	563	GOOG-CABR-04508088	Email dated 1/21/19 from Peter Dijkgraaf re Chrome Incognito ... - This might also lead to confusion sin...	Hochman, Google document custodian	Admission		402, 403, LF			
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PX	565	GOOG-CABR-04618590	June 2017 document titled Unikitty A Unified Incremental DDA	Hochman, Google document custodian			402, 403, LF		Yes	
PX	566	GOOG-CABR-04622340	Document dated 5/11/21 titled Noisy Gclid (go/noisy-gclid)	Hochman, Google document custodian	Admission		402, 403, LF			
PX	567	GOOG-CABR-04626120	January 12, 2017 document titled "▮▮▮ x-device conversion estimation"	Hochman, Google document custodian	Admission		402, 403, LF			
PX	568	GOOG-CABR-04635379	August 17, 2018 document titled "Browser API to Support User Based Experiment"	Kleber, Hochman			402, 403		Yes	
PX	569	GOOG-CABR-04639899	May 14, 2021 document titled "UA-CH Explainer Edits"	Kleber, Hochman			402, 403		Yes	
PX	570	GOOG-CABR-04641725	April 29, 2021 document titled "Display Ads Efforts to Support Cross-Origin-Embedder-Policy (COEP)"	Kleber, Hochman			402, 403		Yes	
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PX	572	GOOG-CABR-04678169	June 17, 2013 document titled "Analytics.js DoubleClick Tracking Integration"	Hochman, Google document custodian	Identification		402, 403, LF			
PX	573	GOOG-CABR-04691939	April 11, 2013 document titled "Comm Doc User ID Override (Universal Analytics) (Full Launch)"	Bindra, Hochman	Identification		402, 403, H, LF			

Prefix	Ex. No.	Begin Bates	Description	Sponsoring Witness	Expert Identification	Stipulation to Admit	Google Objections	Plaintiffs' Objections	Injunction Phase of Trial (Plaintiffs Only)	Date Admitted
PX	574	GOOG-CABR-04693821	February 27, 2018 presentation titled "DVAIS 2018 ▆ SSCT/VTC/ANID"	Liao, Hochman, Google document custodian	Admission		402, 403			
PX	575	GOOG-CABR-04695140	June 12, 2019 presentation titled "Firefox Private Browsing (go/ff-private-browsing-preso)"	Liao, Hochman, Google document custodian	Admission		402, 403, MIL			
PX	576	GOOG-CABR-04695672	June 2, 2015 document titled "User Data Accessor Design"	Kleber, Liao, Monsees, Hochman			402, 403, MIL		Yes	
PX	577	GOOG-CABR-04696292	October 23, 2020 document titled "PPID Opt-out Processing"	Liao, Hochman, Google document custodian			402, 403		Yes	
PX	578	GOOG-CABR-04697357	April 9, 2019 presentation titled ▆ Long Term Roadmap (go▆-lt-roadmap)"	Bindra, Liao, Hochman			402, 403		Yes	
PX	579	GOOG-CABR-04705124	March 5, 2020 document titled "Publisher 1P data Primer (go/ppid-primer)"	Bindra, Hochman	Admission		402, 403, H, LF			
PX	580	GOOG-CABR-04706890	September 30, 2020 document titled "Building towards Complex yet Resilient Identity (go/id-combos)"	Bindra, Hochman	Admission		402, 403, H, LF			
PX	581	GOOG-CABR-04732430	July 24, 2019 presentation titled "Privacy - User Trust Graph and User ID Graph privacy review"	Hochman, Google document custodian	Admission		402, 403, LF			
PX	582	GOOG-CABR-04737403	January 11, 2016 presentation titled "Logs & Analysis"	Kleber, Hochman	Admission		402, 403			
PX	583	GOOG-CABR-04743125	May 26, 2021 email from Alexei Svitkine Re Metrics opt-out rate on Android	Borsay, Hochman			402, 403		Yes	
PX	584	GOOG-CABR-04755930	July 20, 2017 document titled ▆ Service & Display Cross Device Conversion Tracking"	Liao, Hochman, Google document custodian			402, 403, LF		Yes	
PX	585	GOOG-CABR-04763333	May 5, 2020 document titled "Design Doc 1P Advertiser ids AUID for Dynamic Ads Product Recommendations"	Hochman, Google document custodian			402, 403, LF		Yes	
PX	586	GOOG-CABR-04763527	October 29, 2019 document titled "[PRD] Enhanced Conversions Metrics"	Hochman, Google document custodian			402, 403, LF		Yes	
PX	587	GOOG-CABR-04765137	June 7, 2017 document titled "Server-side conversion-tracking"	Bindra, Liao, Kleber, Hochman			402, 403		Yes	
PX	588	GOOG-CABR-04766321	January 18, 2019 document titled "Staging - Measurement Sitewide Tagging Comm Doc - go/sitewide"	Hochman, Google document custodian	Admission		402, 403, LF			
PX	589	GOOG-CABR-04772394	October 22, 2020 document titled "PPID Web Expansion"	Berntson, Liao, Hochman	Admission		402, 403			
PX	590	GOOG-CABR-04773853	March 1, 2016 presentation titled ▆ Logging Sridhar Deck"	Berntson, Bhatnagar, Fair, Kleber, Liao, Monsees, Hochman	Admission		402, 403			
PX	591	GOOG-CABR-04782100	July 8, 2019 document titled "User Trust Graph Design V1"	Hochman, Google document custodian	Admission		402, 403, LF			
PX	592	GOOG-CABR-04782308	July 10, 2019 document titled "User ID Relation Graph V1"	Liao, Hochman, Google document custodian	Admission		402, 403, LF			
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PX	594	GOOG-CABR-04795991	May 29, 2020 presentation titled "Ads Privacy Ecosystem Steering - 6/2/2020"	Bindra, Liao, Schuh, Hochman	Admission		402, 403			
PX	595	GOOG-CABR-04801490	November 29, 2017 email from Alexei Svitkine re [Chrome L-R] Changing Chrome UMA logs retention to ▆	Schuh, Hochman	Admission		402, 403, LF			
PX	596	GOOG-CABR-04819485	January 9, 2018 document titled "DRX Rebranding PRD"	Bindra, Hochman	Admission		402, 403, H, LF			
PX	597	GOOG-CABR-04820567	June 10, 2020 presentation titled "Impact on Privacy"	Bindra, Hochman, Lasinski	Admission		402, 403, H, LF, MIL			
PX	598	GOOG-CABR-04899841	June 16, 2017 email from Alexei Svitkine Re Chrome Staples Jun 14 2017	Felt, Hochman			402, 403		Yes	
PX	599	GOOG-CABR-04957994	October 10, 2018 document titled ▆ Master Design Doc (go%2F▆-design).pdf "	Kleber, Hochman			402, 403		Yes	
PX	600	GOOG-CABR-04958035	October 10, 2018 document titled "Doubleclick Ads Targeting For ▆ Solutions A & B (go%2F▆-doubleclick-ads-targeting).pdf"	Kleber, Hochman			402, 403		Yes	
PX	601	GOOG-CABR-04970427	January 24, 2012 document titled "Finch Architecture/Design Doc (Official Version)"	Felt, Hochman			402, 403		Yes	
PX	602	GOOG-CABR-04986312	June 19, 2020 document titled "PRD Bling ▆ "	Felt, McClelland, Hochman	Admission		402, 403			
PX	603	GOOG-CABR-05136994	July 7, 2021 document titled ▆ Design.docx "	Hochman, Google document custodian	Admission		402, 403, LF, MIL			
PX	604	GOOG-CABR-05145417	April 22, 2019 document titled "[Sin Rastro] Core Team Summit Notes (go/sinrastro-summit-notes)"	Adhya, Borsay, Fair, Mardini, McClelland, Hochman	Admission		402, 403			
PX	605	GOOG-CABR-05149122	April 19, 2019 presentation titled "[CL Messaging Worksession] I/O UI Screen Reviews 4.24"	Fair, Monsees, Hochman	Admission		402, 403			
PX	606	GOOG-CABR-05163088	March 6, 2020 presentation titled "Driving to Coherence Incognito mode (March 2020)"	Adhya, Borsay, Fair, Mardini, McClelland, Hochman	Admission		402, 403			
PX	607	GOOG-CABR-05248101	January 21, 2019 presentation titled "B6P - TRUST (24 Jan 2019)"	Borsay, Mardini, McClelland, Hochman	Admission		402, 403	Objections to Google's Use: Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
PX	608	GOOG-CABR-05280050	May 28, 2020 spreadsheet titled "Publishers by Chrome Incognito % "	Liao, Hochman, Google document custodian			402, 403, MIL		Yes	
PX	609	GOOG-CABR-05280756	July 16, 2020 email from Chris Liao Re Ramp-up Plan for ▆	Liao, Hochman, Google document custodian			402, 403, MIL		Yes	
PX	610	GOOG-CABR-05280966	September 27, 2019 presentation titled ▆ deep dive_1ZZnc5XHfsy9wA34l-wG-nmwWHFZYvSd4xILbio7cxzk.pptx"	Bindra, Liao, Hochman			402, 403		Yes	

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PX	611	GOOG-CABR-05305495	October 18, 2016 presentation titled "Site Tag - Technical Overview"	Hochman, Google document custodian			402, 403, LF		Yes	
PX	612	GOOG-CABR-05362596	June 7, 2018 document titled "Comm Doc ITP2.0 Apple's 2018 Intelligent Tracking Prevention 2.0 update (Launched) [go/itp2pov]"	McClelland, Hochman	Admission		402, 403, MIL			
PX	613	GOOG-CABR-05372789	November 7, 2018 email from Michael Kleber Re EFF "Google Chrome s Users Take a Back Seat to Its Bottom Line"	Kleber, McClelland, Hochman	Admission		402, 403, H			
PX	614	GOOG-CABR-05404845	March 27, 2017 presentation titled "Google Analytics - Tracking and Collection Overview"	Hochman, Google document custodian	Admission		402, 403, LF			
PX	615	GOOG-CABR-05405676	May 21, 2020 document titled "[INT] Enhanced Conversion Implementation Guides MASTER"	Hochman, Google document custodian			402, 403, LF		Yes	
PX	616	GOOG-CABR-05454633	November 3. 2020 document titled "Analytics__Reports_vs_Fields_Tracked.docx"	Hochman, Google document custodian	Admission		402, 403, LF			
PX	617	GOOG-CABR-05673102	October 3, 2017 document titled "UserId Targeting on Display_1-4rjGPvcKYHs8cQ1ZFAo4byptAAd9H8jzzpGt-_9KUs.docx "	Kleber, Hochman	Admission		402, 403			
PX	618	GOOG-CABR-05737898	May 4, 2020 email from Ramin Halavati Re Measuring Searches in Incognito (for experiments).	Halavati, McClelland, Hochman	Admission		402, 403, H, LF, MIL			
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PX	620	GOOG-CABR-05876612	Feb 24, 2022 document titled "Storage_Service_2.0.docx "	Hochman, Google document custodian	Admission		402, 403, LF			
PX	621	GOOG-CABR-05876933	Undated, untitled screenshot of browser categories.	Hochman, Google document custodian			402, 403, LF		Yes	
PX	622	GOOG-CABR-05876937	September 9, 2021 untitled screenshot of a Histogram Dashboard displaying counts of Regular and Incognito Browser Profile Types	Hochman, Google document custodian	Admission		402, 403, LF, MIL			
PX	623	GOOG-CABR-05881692	August 29, 2019 document titled "Fortify Cookies to Support User Privacy Req_195r_GbfbFqAJDTNKFIS6XxZcJfdELVfJonq6npN_riw.docx;Fortify Cookies to Support User Privacy Re_195r_GbfbFqAJDTNKFIS6XxZcJfdELVfJonq6npN_riw.docx "	Bindra, Kleber, Hochman	Admission		402, 403			
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PX	625	GOOG-CABR-00799341	July 16, 2020 chat from Rory McClelland regarding privacy questions	McClelland, Hochman	Admission		402, 403			
PX	626		Hochman Opening Report Exhibit B	Hochman	Identification		402, 403, H, NE			
PX	627		Hochman Opening Report Exhibit C	Hochman	Identification		402, 403, H, NE			
PX	628		Hochman Opening Report Exhibit D	Hochman	Identification		LF			
PX	629		Hochman Opening Report Exhibit E	Hochman	Identification		402, 403			
PX	630		Hochman Opening Report Exhibit F	Hochman	Identification		402, 403, H, NE			
PX	631		Hochman Rebuttal Report Exhibit A	Hochman	Identification		402, 403, H, NE			
PX	632		Hochman Rebuttal Report Exhibit B	Hochman	Identification		402, 403, H, NE			
PX	633		Hochman Rebuttal Report Exhibit C	Hochman	Identification		402, 403, H, NE			
PX	634		Hochman Opening Report Appendix C	Hochman	Identification		402, 403, H, NE			
PX	635		Hochman Opening Report Appendix E	Hochman	Identification		402, 403, H, NE			
PX	636		Hochman Opening Report Appendix I	Hochman	Identification		402, 403, H, NE			
PX	637		Hochman Rebuttal Report Appendix A	Hochman	Identification		402, 403, H, NE			
PX	638		Hochman Rebuttal Report Appendix K	Hochman	Identification		402, 403, H, NE			
PX	639		Hochman Rebuttal Report Appendix B	Hochman	Identification		402, 403, H, NE			
PX	640		Hochman Rebuttal Report Appendix C	Hochman	Identification		402, 403, H, NE			
PX	641		Hochman Rebuttal Report Appendix D	Hochman	Identification		402, 403, H, NE			
PX	642		Hochman Rebuttal Report Appendix E	Hochman	Identification		402, 403, H, NE, MIL			
PX	643		Hochman Rebuttal Report Appendix F	Hochman	Identification		402, 403, H, NE			
PX	644		Hochman Rebuttal Report Appendix G	Hochman	Identification		402, 403, H, NE			
PX	645		Hochman Rebuttal Report Appendix H	Hochman	Identification		402, 403, H, NE			
PX	646		Hochman Rebuttal Report Appendix I	Hochman	Identification		402, 403, H, NE			
PX	647		Hochman Rebuttal Report Appendix J	Hochman	Identification		402, 403, H, NE			
PX	648	GOOG-BRWN-00027028	November 17, 2020 presentation titled "Conversion Excellence consent Mode for gTag/GTM"	Hochman, Google document custodian	Admission		402, 403, LF			
PX	649	GOOG-BRWN-00032906	November 2, 2020 database page titled "Chrome Metrics Data Sources/Tables"	Hochman, Google document custodian	Admission		402, 403, LF			
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PX	651	GOOG-BRWN-00049022	September 26, 2019 presentation titled ▉▉ "	Harris, McClelland, Hochman	Admission		402, 403, MIL			
PX	652	GOOG-BRWN-00157001	March 18, 2020 document titled "The Incognito Story"	Fair, Halavati, Hochman	Admission		402, 403, DRAFT, H, LF			
PX	653	GOOG-BRWN-00181499	July 15, 2020 email from Mardini regarding "Ramp-up Plan for ▉▉ "	Mardini, McClelland, Hochman	Admission		402, 403			
PX	654	GOOG-BRWN-00184875	January 29, 2020 email from Rory McClelland regarding "Chrome/Sin Rastro "We should keep in mind that the value"	Adhya, Borsay, Halavati, McClelland, Hochman	Admission		402, 403, H, MIL, LF			
PX	655	GOOG-BRWN-00487443	January 18, 2020 email from automatic reply account regarding "Improve tagging controls for GA advertising features"	Hochman, Google document custodian			402, 403, LF		Yes	
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PX	657	GOOG-BRWN-00711633	November 7, 2018 internal document titled "Google Analytics Activating the Google signals setting"	Hochman, Google document custodian			402, 403, LF		Yes	
PX	658	GOOG-BRWN-00858548	June 1, 2022 document titled ▉▉ Logs"	Hochman, Google document custodian	Admission		402, 403, LF			
PX	659	GOOG-CABR-00489377	June 30, 2020 email from Mathias Bynens regarding "Measuring Searches in Incognito (for experiments)"	Halavati, McClelland, Hochman	Admission		402, 403, H, LF			
PX	660	GOOG-CABR-04824758	August 19, 2020 internal document titled "[Comms Doc] - Limited ads (go/limitedadscomms)"	Bindra, Hochman			402, 403, H, LF, MIL		Yes	
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PX	662		Appendix 3 to April 15, 2022 Expert Report of Bruce Schneier	Schneier	Admission		402, 403, H, NE			

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JX	663		Diamond, S. (2011). "Reference Guide On Survey Research," in Reference Manual on Scientific Evidence. Federal Judicial Center/National Academy of Sciences	**Plaintiffs:** Keegan **Google:** Amir	**Plaintiffs:** Identification **Google:** Identification		H, NE	**Objections to Google's Use:** Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
PX	664		Global Market Research 2021 An ESOMAR Industry Report	Keegan	Identification		H, NE			
PX	665		Jacoby, J. (2013). Trademark Surveys, Volume 1 Designing, Implementing, and Evaluating Surveys, American Bar Association	Keegan	Identification		402, H, NE			
PX	666		McCarthy, J.T. (2020). McCarthy on Trademarks and Unfair Competition, 5th Ed	Keegan	Identification		402, H, NE			
PX	667		Visser, P. S., Krosnick, J. A., & Lavrakas, P. J. (2000). Survey research. In H. T. Reis & C. M. Judd (Eds.), Handbook of Research Methods in Social and Personality Psychology. Cambridge University Press	Keegan	Identification		H, NE			
PX	668		Swann, J.B. (2005). "A 'Reading Test Or A 'Memory Test Which Survey Methodology Is Correct?" The Trademark Reporter , Vol. 95.	Keegan	Identification		H, NE			
JX	669	GOOG-BRWN-00028191	April 18, 2019 presentation titled "Incognito Icon Redesign"	**Plaintiffs:** Keegan, Google document custodian **Google:** Amir	**Plaintiffs:** Admission **Google:** Identification		403, 402, H, LF	**Objections to Google's Use:** Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
PX	670	GOOG-CABR-04400001	Incognito Splash Screen capture dated March 2017	Keegan, Fair, Google document custodian	Admission	Yes				
PX	671	GOOG-CABR-04400002	Incognito Splash Screen capture dated April 2017	Keegan, Fair, Google document custodian	Admission	Yes				
PX	672	GOOG-CABR-04400004	Incognito Splash Screen capture dated August 2017	Keegan, Fair, Google document custodian	Admission	Yes				
PX	673	GOOG-CABR-04400006	Incognito Splash screen capture dated August 2020	Keegan, Fair, Google document custodian	Admission	Yes				
PX	674	GOOG-CABR-04400021	Incognito Mobile Splash screen capture undated	Keegan, Fair, Google document custodian	Admission	Yes				
PX	675	GOOG-CABR-04400027	Incognito Mobile Splash screen capture undated	Keegan, Fair, Google document custodian	Admission	Yes				
PX	676	GOOG-CABR-04400029	Incognito splash Screen capture dated September 2008	Keegan, Fair, Google document custodian	Admission	Yes				
PX	677	GOOG-CABR-04400030	Incognito Splash Screen capture dated May 2010	Keegan, Fair, Google document custodian	Admission	Yes				
PX	678	GOOG-CABR-04400032	Incognito Splash Screen capture dated March 2013	Keegan, Fair, Google document custodian	Admission	Yes				
PX	679	GOOG-CABR-04400033	Incognito Splash Screen capture dated February 2014	Keegan, Fair, Google document custodian	Admission	Yes				
PX	680	GOOG-CABR-04400034	Incognito Splash Screen capture dated July 2014	Keegan, Fair, Google document custodian	Admission	Yes				
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PX	682	GOOG-BRWN-00027456	Q1 2020 internal presentation titled "Project Publisher's 1P Cookies/IDs Strategy"	Berntson, Lasinski	Admission		402, 403			
PX	683	GOOG-BRWN-00047631	July 15, 2020 internal document regarding "Notes on Incognito Misconceptions"	Borsay, Halavati, Harris, McClelland, Lasinski	Admission		402, 403, H, LF, DRAFT, MIL			
PX	684	GOOG-BRWN-00139742	January 21, 2019 internal document titled "Chrome Browser 2019+ Strategy"	Borsay, Fair, Felt, Harris, Mardini, Schuh, Tabriz, Lasinski			402, 403		Yes	
PX	685	GOOG-BRWN-00146251	November 8, 2018 internal presentation titled "2019 DVAA Revenue Forecast Review"	Bhatnagar, Lasinski			402, 403, MIL		Yes	
PX	686	GOOG-BRWN-00154008	March 2020 internal presentation titled "Google Incognito Awareness and Landscape"	Fair, Lasinski			403, 402, H, LF		Yes	
PX	687	GOOG-BRWN-00154707	July 14, 2020 internal presentation titled "MEGA Core 2020 Q2 OKR Update"	Fair, Lasinski	Admission		403, 402, H, LF			
PX	688	GOOG-BRWN-00163550	March 11, 2019 internal presentation titled "The Future of Incognito, Weekly Check-in"	Borsay, Fair, Mardini, Lasinski	Admission		402, 403			
PX	689	GOOG-BRWN-00203888	September 30, 2019 internal presentation titled "How to lead in a data-centric era? Marketing in a privacy-first world"	Lasinski, Google document custodian			402, 403, H, MIL, LF		Yes	
PX	690	GOOG-BRWN-00406281	May 9, 2018 email regarding "Clank Leads" agenda	Lasinski, Google document custodian			402, 403, H, MIL, LF		Yes	
PX	691	GOOG-BRWN-00422777	February 5, 2020 email regarding comments to "PDPO Flamingo Summit Keynote"	Lasinski, Google document custodian			402, 403, H, MIL, LF		Yes	
PX	692	GOOG-BRWN-00478023	March 20, 2014 internal document regarding "Incognito Notes" for various dates	Borsay, Fair, Lasinski	Admission		402, 403, MIL			
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PX	694	GOOG-BRWN-00653907	July 8, 2021 excel spreadsheet titled "Browser Competitive Analysis 2021"	Palmer, Lasinski	Admission		402, 403, LF			
PX	695	GOOG-BRWN-00792629	May 2021 internal presentation titled "Chrome Browser US Competitor Analysis"	Adhya, Lasinski	Admission		402, 403			

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PX	696	GOOG-CABR-00141714	May 18, 2020 internal document regarding "Privacy & Security Controls in Chrome" update	Borsay, Mardini, Lasinski	Admission		402, 403			
PX	697	GOOG-CABR-00391340	May 28, 2020 internal document titled ▮▮▮▮ (No 3P cookies in Incognito)"	Berntson, Bhatnagar, Liao, McClelland, Lasinski	Admission		402, 403, MIL			
PX	698	GOOG-CABR-03611277	December 2018 internal document titled "Chrome's Future in a Cookieless World (Display)"	Bindra, Lasinski			402, 403, H, LF, MIL		Yes	
PX	699	GOOG-CABR-03695549	February 9, 2021 internal presentation titled "Like of a Cookie / Ads Identifier"	Lasinski, Google document custodian, Hochman	Admission		402, 403, H, LF			
PX	700	GOOG-CABR-03842057	June 26, 2020 internal document titled "iOS Traffic Fraction in Ads (Search/Display/YouTube)"	Bindra, Felt, Leung, Liao, Lasinski	Admission		402, 403, LF			
PX	701	GOOG-CABR-03956603	May 13, 2020 email regarding "Ads Privacy Ecosystem Steering Notes"	Bindra, Liao, Schuh, Tabriz, Lasinski	Admission		402, 403, LF			
PX	702	GOOG-CABR-03958888	October 29, 2018 regarding notes on updating "the chrome impact model"	Bindra, Lasinski	Admission		402, 403, H, MIL			
PX	703	GOOG-CABR-04072530	February 4, 2020 internal document titled "Chrome Monetization Deck Outline"	Lasinski, Google document custodian			402, 403, H, MIL		Yes	
PX	704	GOOG-CABR-04120396	May 2, 2019 internal presentation titled "Publisher's 1P ID Strategy Update Beyond ITP"	Berntson, Lasinski			402, 403		Yes	
PX	705	GOOG-CABR-04404345	February 2020 internal presentation titled "Why Chrome Matters to Google"	Lasinski, Google document custodian	Admission		402, 403, H, MIL			
JX	706	GOOG-CABR-04406227	February 4, 2020 internal document titled "Chrome Monetization Deck Outline"	**Plaintiffs:** Lasinski, Google document custodian **Google:** Strombom	**Plaintiffs:** Admission **Google:** Identification		402, 403, H, MIL			
JX	707	GOOG-CABR-04486714	February 10, 2021 excel spreadsheet regarding "Incognito Metrics Fact Sheet"	**Plaintiffs:** Halavati, Lasinski, Hochman **Google:** Felt/Sadowski	**Google:** Admission		402, 403		Yes	
PX	708	GOOG-CABR-04588763	February 4, 2021 email regarding a "Guide to the Post-Third-Party Cookie Era"	Kleber, Lasinski			901, 402, 403, H, LF, MIL		Yes	
PX	709	GOOG-CABR-04596471	April 2017 internal presentation titled "Publisher User and Revenue Data & Insights"	Bindra, Lasinski			402, 403, H, LF		Yes	
PX	710	GOOG-CABR-04611594	June 5, 2015 internal presentation titled "Mobile Web"	Lasinski, Google document custodian			402, 403, H, LF		Yes	
PX	711	GOOG-CABR-04613495	August 31, 2017 internal presentation titled "2018 DVAA ex YT Prelim Revenue Forecast"	Bindra, Lasinski			402, 403, H, LF, MIL		Yes	
PX	712	GOOG-CABR-04703695	September 12, 2019 internal presentation titled "2020 DVAA Revenue Forecast Review"	Lasinski, Google document custodian			402, 403, H, LF, MIL		Yes	
PX	713	GOOG-CABR-04705413	April 22, 2021 internal presentation titled "Conversion Panel Proposal, BAM review"	Walker, Lasinski	Admission		402, 403, H, LF, MIL			
PX	714	GOOG-CABR-04729089	July 21, 2021 internal presentation titled "Google Display Revenue 101"	Lasinski, Google document custodian			402, 403, H, LF, MIL		Yes	
PX	715	GOOG-CABR-04787255	July 16, 2019 internal document regarding "Digital Advertising RFI", Policy & Trust Review	Bhatnagar, Bindra, Fair, Lasinski	Admission		402, 403			
PX	716	GOOG-CABR-04867499	Internal document regarding ▮▮▮ WG Leads meeting notes from May 2019 to December 2020	Bindra, Liao, Lasinski			402, 403		Yes	
PX	717	GOOG-CABR-05150938	August 3, 2020 internal presentation titled "From consent to pleasant surprise"	Adhya, Bhatnagar, Fair, Liao, Monsees, Lasinski	Admission		402, 403			
PX	718	GOOG-CABR-05263826	March 25, 2021 internal presentation titled "Search Privacy Digest"	Monsees, Lasinski	Admission		402, 403, H, LF			
PX	719	GOOG-CABR-05279618	May 11, 2020 email regarding ▮▮▮ ads impact	Bindra, Liao, Lasinski	Admission		402, 403, MIL			
PX	720	GOOG-CABR-05420346	May 13, 2020 email regarding deprecation of 3P cookies in incognito mode	Lasinski, Google document custodian	Admission		402, 403, H, LF, MIL			
PX	721	GOOG-CABR-05886428	April 15, 2022 excel spreadsheet showing Incognito usage metrics (Android)	Lasinski, Google document custodian	Admission		402, 403, LF, MIL			
PX	722	GOOG-CABR-05886429	April 15, 2022 excel spreadsheet showing Incognito usage metrics (ChromeOS)	Lasinski, Google document custodian	Admission		402, 403, LF, MIL			
PX	723	GOOG-CABR-05886430	April 15, 2022 excel spreadsheet showing Incognito usage metrics (iOS)	Lasinski, Google document custodian	Admission		402, 403, LF, MIL			
PX	724	GOOG-CABR-05886431	April 15, 2022 excel spreadsheet showing Incognito usage metrics (Linux)	Lasinski, Google document custodian	Admission		402, 403, LF, MIL			
PX	725	GOOG-CABR-05886432	April 15, 2022 excel spreadsheet showing Incognito usage metrics (MacOS)	Lasinski, Google document custodian	Admission		402, 403, LF, MIL			
PX	726	GOOG-CABR-05886433	April 15, 2022 excel spreadsheet showing Incognito usage metrics (Windows)	Lasinski, Google document custodian	Admission		402, 403, LF, MIL			
JX	727	GOOG-CABR-X-00000421	March 5, 2022 internal document regarding "Screenwise Panel Recruitment Survey"	**Plaintiffs:** Lasinski, Google document custodian **Google:** Strombom	**Plaintiffs:** Admission **Google:** Identification		402, 403			
PX	728	GOOG-CABR-X-00000468	March 5, 2022 internal document regarding "Screenwise Brochure"	Lasinski, Google document custodian	Admission		402, 403, LF			
PX	729	GOOG-CABR-X-00001225	April 14, 2022 internal document regarding "Display Ads PL"	Lasinski, Google document custodian	Admission		402, 403, LF, MIL			
PX	730		April 5, 2022 Email from T. Gao re Brown v. Google – UMA data	Lasinski, Google document custodian	Admission		402, 403, LF, H, NE			
PX	731		April 14, 2022 Letter from T. Fani re Google production Volume X-011	Lasinski, Google document custodian	Admission		402, 403, LF, H, NE			
PX	732		Alphabet Form 10-K for the fiscal year ended December 31, 2021.	**Plaintiffs:** Lasinski, Google document custodian **Google:** Strombom	**Plaintiffs:** Admission **Google:** Identification		402, 403, LF, MIL			
JX	733		Alphabet Form 10-K for the fiscal year ended December 31, 2019.	**Plaintiffs:** Lasinski, Google document custodian **Google:** Strombom	**Plaintiffs:** Admission **Google:** Identification		402, 403, LF, MIL			

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Joint Exhibit List

Prefix	Ex. No.	Begin Bates	Description	Sponsoring Witness	Expert Identification	Stipulation to Admit	Google Objections	Plaintiffs' Objections	Injunction Phase of Trial (Plaintiffs Only)	Date Admitted
JX	734		Alphabet Form 10-K for the fiscal year ended December 31, 2018.	**Plaintiffs:** Lasinski, Google document custodian **Google:** Strombom	**Plaintiffs:** Admission **Google:** Identification		402, 403, LF, MIL			
PX	735		"About the Ipsos Screenwise Panel" per Ipsos at https://screenwisepanel.com/home (accessed March 15, 2022)	Lasinski, Google document custodian	Admission		402, 403, LF, H, 901			
PX	736		"Google Panel Privacy Policy" at https://screenwisepanel.com/google-panel-privacy-policy (accessed April 7, 2022)	**Plaintiffs:** Lasinski, Google document custodian **Google:** Strombom	**Plaintiffs:** Admission **Google:** Identification		402, 403, LF, H, 901			
JX	737		"Google paying users to track 100% of their Web usage via little black box" at https://arstechnica.com/gadgets/2012/02/google-paying-users-to-track-100-of-their-web-usage-via-little-black-box/ (accessed March 14, 2022)	**Plaintiffs:** Lasinski, Google document custodian **Google:** Strombom	**Plaintiffs:** Admission **Google:** Identification		402, 403, LF, H, 901			
JX	738		"Google Screenwise pays opt-in users for expanded web tracking" at https://www.theverge.com/2012/2/8/2785751/google-screenwise-panel-web-monitoring-knowledge-networks (accessed March 14, 2022)	**Plaintiffs:** Lasinski, Google document custodian **Google:** Strombom	**Plaintiffs:** Admission **Google:** Identification		402, 403, LF, H, 901			
JX	739		"Ipsos Screenwise Panel Cookie Policy" at https://screenwisepanel.com/cookie-policy (accessed March 17, 2022)	**Plaintiffs:** Lasinski, Google document custodian **Google:** Strombom	**Plaintiffs:** Admission **Google:** Identification		402, 403, LF, H, 901			
PX	740		"Ipsos Screenwise Panel Privacy Policy" at https://screenwisepanel.com/ipsos-Sow-privacy-policy (accessed March 14, 2022)	**Plaintiffs:** Lasinski, Google document custodian **Google:** Strombom	**Plaintiffs:** Admission **Google:** Identification		402, 403, LF, H, 901			
PX	741		"Key Figures" per Ipsos at https://www.ipsos.com/en/key-figures (accessed March 17, 2022)	Lasinski, Google document custodian	Admission		402, 403, LF, H, 901			
PX	742		"Nielsen Computer & Mobile Panel" per https://computermobilepanel.nielsen.com/ui/US/en/sdp/landing (accessed March 13, 2022)	Lasinski	Admission		402, 403, LF, H, 901			
PX	743		"Number of internet users in the United States from 2010 to 2025" per Statista at https://www.statista.com/statistics/325645/usa-number-of-internet-users/#professional (accessed April 18, 2022)	Lasinski	Admission		402, 403, LF, H, MIL, 901			
PX	744		https://gs.statcounter.com/browser-market-share (accessed March 15, 2022)	Lasinski	Admission		402, 403, LF, H, MIL, 901			
PX	745		https://gs.statcounter.com/browser-market-share/all/united-states-of-america (accessed January 13, 2022).	**Plaintiffs:** Lasinski **Google:** Amir	**Plaintiffs:** Admission **Google:** Identification		402, 403, LF, H, MIL, 901			
PX	746		https://gs.statcounter.com/browser-market-share/all/united-states-of-america/#monthly-201606 202201 (accessed April 8, 2022)	**Plaintiffs:** Lasinski **Google:** Amir	**Plaintiffs:** Admission **Google:** Identification		402, 403, LF, H, MIL, 901			
PX	747		https://gs.statcounter.com/browser-market-share/desktop/united-states-of-america#monthly-201601-202112 (accessed April 8, 2022)	Lasinski	Admission		402, 403, LF, H, MIL, 901			
PX	748		https://gs.statcounter.com/browser-market-share/mobile/united-states-of-america#monthly-201601-202112 (accessed April 8, 2022)	Lasinski	Admission		402, 403, LF, H, MIL, 901			
PX	749		https://gs.statcounter.com/faq (accessed April 8, 2022)	Lasinski	Admission		402, 403, LF, H, MIL			
PX	750	GOOG-BRWN-00026161	November 3, 2020 internal document titled "http://go[REDACTED]-coverage-ratio_Old Design, Launched"	Google Custodian			402, 403, LF, MIL		Yes	
PX	751	GOOG-BRWN-00026213	March 13, 2017 internal document titled "Design Doc GA Remarketing Lists for GDN X-Device"	Google Custodian			402, 403, LF		Yes	
PX	752	GOOG-BRWN-00026485	February 26, 2018 internal document titled "[REDACTED]_Batch_Remarketing_Design"	Google Custodian			402, 403, LF, MIL		Yes	
PX	753	GOOG-BRWN-00026591	November 3, 2020 internal document titled "Product Integration General Design"	Google Custodian			402, 403, LF		Yes	
PX	754	GOOG-BRWN-00026632	February 10, 2020 internal presentation titled "[REDACTED] Integrations Template"	Google Custodian			402, 403, LF		Yes	
PX	755	GOOG-BRWN-00026788	November 3, 2020 internal document titled "Differential Privacy for O2O Store Visits in GA"	Google Custodian	Admission		402, 403, LF, MIL			
PX	756	GOOG-BRWN-00026831	November 3, 2020 internal document titled "Life of a Visitor in GA+RLSA"	Google Custodian			402, 403, LF		Yes	
PX	757	GOOG-BRWN-00026874	November 3, 2020 internal document diagram titled "Feeder Diagram"	Google Custodian	Admission		402, 403, LF			
PX	758	GOOG-BRWN-00026878	November 1, 2018 external document titled "Private Mode Browsing"	Google Custodian	Admission		901, DRAFT, LF			
PX	759	GOOG-BRWN-00027079	November 17, 2020 internal webpage titled "Site Wide Tagging"	Google Custodian			402, 403, LF		Yes	
PX	760	GOOG-BRWN-00027100	May 27, 2019 internal document titled "Implementation difference between Chrome regular and incognito mode"	Google Custodian	Admission		402, 403, LF			
PX	761	GOOG-BRWN-00027227	August 21, 2020 internal webpage titled "Chrome Metrics"	Google Custodian			402, 403, LF		Yes	
PX	762	GOOG-BRWN-00029445	September 24, 2020 internal webpage titled "Logs Sources and Access Types"	Google Custodian			402, 403, LF		Yes	
PX	763	GOOG-BRWN-00031631	September 15, 2014 internal document titled "GA InApp Remarketing Backend Design Doc"	Google Custodian			402, 403, LF, MIL		Yes	
PX	764	GOOG-BRWN-00032186	March 2, 2015 internal document titled "Probabilistic Thresholding in Stardust"	Google Custodian			402, 403, LF, MIL		Yes	
PX	765	GOOG-BRWN-00032789	November 16, 2020 internal document titled "Chrome Incognito PRD"	Google Custodian	Admission		402, 403, LF			
PX	766	GOOG-BRWN-00047367	May 14, 2020 internal document titled "M83 - [REDACTED] rollout messaging"	Google Custodian			402, 403, LF		Yes	
PX	767	GOOG-BRWN-00047429	May 8, 2018 internal document titled "Chrome Data Collection for User Research Studies"	Google Custodian			402, 403, LF		Yes	

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PX	768	GOOG-BRWN-00048078	January 15, 2021 internal document titled "Cookies vs. FLoC Side-by-Side comparison"	Google Custodian			402, 403, LF, MIL		Yes	
PX	769	GOOG-BRWN-00048474	October 5, 2018 internal presentation titled "Chrome Metrics An Overview, 2018"	Google Custodian			402, 403, LF		Yes	
PX	770	GOOG-BRWN-00054491	September 29, 2017 internal document titled "Domain for ▮▮▮▮"	Google Custodian	Admission		402, 403, LF			
PX	771	GOOG-BRWN-00054985	November 8, 2016 internal presentation titled "▮▮▮▮ Gaia conversions in display"	Google Custodian			402, 403, LF, MIL		Yes	
PX	772	GOOG-BRWN-00055093	August 17, 2017 internal document titled "Safari ITP - Open Research Questions"	Google Custodian			402, 403, LF		Yes	
PX	773	GOOG-BRWN-00057338	October 22, 2019 internal document titled "Migrate ▮▮▮ into ▮▮▮"	Google Custodian			402, 403, LF, MIL		Yes	
PX	774	GOOG-BRWN-00057404	March 12, 2018 internal document titled "▮▮▮▮ Coverage Ratio"	Google Custodian			402, 403, LF, MIL		Yes	
PX	775	GOOG-BRWN-00057878	February 15, 2018 internal document ▮▮▮ Fixes"	Google Custodian			402, 403, LF, MIL		Yes	
PX	776	GOOG-BRWN-00057885	March 21, 2019 internal document ▮▮▮ Investigation"	Google Custodian			402, 403, LF, MIL		Yes	
PX	777	GOOG-BRWN-00061068	August 6, 2019 internal presentation "▮▮▮ deepdive"	Google Custodian	Admission		402, 403, LF			
PX	778	GOOG-BRWN-00062876	November 2013 internal presentation titled "Inspector Gadget Eng Review Nov 2013"	Google Custodian	Admission		402, 403, LF			
PX	779	GOOG-BRWN-00063218	November 19, 2020 internal presentation titled "Chrome Trust &Safety 2021 Roadmap"	Google Custodian			402, 403, LF		Yes	
PX	780	GOOG-BRWN-00070268	September 30, 2020 internal presentation titled "PPI Program Review Zwieback"	Google Custodian	Admission		402, 403, LF, MIL			
PX	781	GOOG-BRWN-00071887	February 10, 2020 internal webpage titled "Incognitio Metrics"	Google Custodian	Admission		402, 403, LF			
PX	782	GOOG-BRWN-00078286	June 1, 2021 internal presentation titled "User Identifiers Brand University overview"	Google Custodian	Admission		402, 403, LF			
PX	783	GOOG-BRWN-00078324	November 11, 2019 internal webpage "Getting Started"	Google Custodian			402, 403, LF, MIL		Yes	
PX	784	GOOG-BRWN-00078334	May 31, 2021 internal webpage titled "Zwieback"	Google Custodian			402, 403, LF, MIL		Yes	
PX	785	GOOG-BRWN-00078336	April 28, 2020 internal webpage "Zwieback Cookie Coding Details"	Google Custodian			402, 403, LF, MIL		Yes	
JX	786	GOOG-BRWN-00078348	November 11, 2019 internal webpage "Zwieback Overview"	**Plaintiffs:** Google Custodian **Google:** Psounis	**Plaintiffs:** Admission **Google:** Identification		LF			
PX	787	GOOG-BRWN-00078361	April 23, 2020 internal webpage "Biscotti Identifiers"	Google Custodian	Admission		402, 403, LF			
PX	788	GOOG-BRWN-00078366	September 5, 2018 internal webpage "Device Identifiers"	Google Custodian	Admission		402, 403, LF			
PX	789	GOOG-BRWN-00078378	May 7, 2021 internal webpage "Fantastic Identifiers and Where to Find Them"	Google Custodian	Admission		402, 403, LF			
PX	790	GOOG-BRWN-00078386	March 11, 2019 internal webpage "Unified Display Signed In"	Google Custodian	Admission		402, 403, LF, MIL			
PX	791	GOOG-BRWN-00078435	June 10, 2021 spreadsheet titled "Fact sheet of Log Names &Retention Period - Analytics & Display Ads Logs"	Google Custodian	Admission		402, 403, LF			
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PX	795	GOOG-BRWN-00078439	June 10, 2021 internal presentation titled "Google Analytics Backend Core Processing Pipelines"	Google Custodian	Admission		402, 403, LF			
PX	796	GOOG-BRWN-00078849	Presentation	Google Custodian	Admission		402, 403, LF			
PX	797	GOOG-BRWN-00139771	April 27, 2020 internal presentation titled "Introduction to UMA"	Google Custodian			402, 403, LF		Yes	
PX	798	GOOG-BRWN-00140197	August 14, 2020 internal presentation titled "PRD ▮▮▮ -Desktop"	Google Custodian	Admission		402, 403, LF			
PX	799	GOOG-BRWN-00140565	September 12, 2017 internal document titled "Evaluating Estimated and Observed reporting used ▮▮ data in Google Analytics"	Google Custodian			402, 403, LF		Yes	
PX	800	GOOG-BRWN-00144643	August 31, 2020 internal presentation titled "Conversion Modeling in DV360"	Google Custodian			402, 403, LF		Yes	
PX	801	GOOG-BRWN-00147812	April 2019 internal document titled "Chrome Privacy Comms Planning"	Google Custodian	Admission		402, 403, LF			
PX	802	GOOG-BRWN-00149196	September 20, 2019 internal document titled "Allowed Features under Disable personalization in DBL"	Google Custodian			402, 403, LF		Yes	
PX	803	GOOG-BRWN-00150450	May 3, 2017 internal meeting notes document titled "▮▮▮ Privacy Office Hour"	Google Custodian			402, 403, LF		Yes	
PX	804	GOOG-BRWN-00150771	May 4, 2018 internal document titled "Supporting linked cookies in AdX RTB in GKS"	Google Custodian			402, 403, LF, MIL		Yes	
PX	805	GOOG-BRWN-00153831	April 4, 2019 document titled "Fledge High Level Design For 6th ▮▮▮ GKS Launch"	Google Custodian			402, 403, LF		Yes	
PX	806	GOOG-BRWN-00157519	February 27, 2020 document titled "Zwieback The Story So Far"	Google Custodian			402, 403, LF, MIL		Yes	
JX	807	GOOG-BRWN-00160342	April 19, 2016 internal presentation titled "▮▮▮ ▮▮▮"	**Plaintiffs** Chris Liao, Google Custodian **Google:** Berntson	**Google:** Admission		403, H	**Objections to Google's Use:** Hearsay; Foundation; 403 (subject of preclusionary sanctions (Dkt. 588))	Yes	
PX	808	GOOG-BRWN-00165695	October 1, 2019 internal document titled "Privacy Team Roadmap Planning Session"	Google Custodian	Admission		402, 403, LF, MIL			
PX	809	GOOG-BRWN-00167899	March 28, 2019 email from Andrey Aredakov regarding "▮▮▮ of page loads are incognito mode"	Google Custodian	Admission		402, 403, LF			
PX	810	GOOG-BRWN-00168232	October 2, 2020 email from Filip Gorski regarding "Long-term Clank Omaha count adjustments"	Caitlin Sadowski			402, 403		Yes	
PX	811	GOOG-BRWN-00168623.C	July 22, 2020 email from Ilya Sherman regarding "Measuring Searches in Incognito"	Caitlin Sadowski; Ramin Halavati	Admission		402, 403, LF, H			
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PX	813	GOOG-BRWN-00168788	May 19, 2020 email from Krishna Govind regarding "Measuring Searches in Incognito (for experiments)"	Google Custodian	Admission		402, 403, LF			

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PX	814	GOOG-BRWN-00168820	May 18, 2020 email from Florian Uunk regarding "Reasons for not sending X-Client-Data header"	Google Custodian		Admission	402, 403, LF			
PX	815	GOOG-BRWN-00168891	May 7, 2020 email from Sam Burch regarding "Incognito Analysis Question"	Google Custodian			402, 403, LF		Yes	
PX	816	GOOG-BRWN-00168913	May 7, 2020 email from Florian Uunk regarding "Measuring Searches in Incognio (for experiments)"	Google Custodian			402, 403, LF		Yes	
PX	817	GOOG-BRWN-00169278	November 19, 2019 email from Ramin Halavati regarding "Estimating Incognito Usage"	Ramin Halavati ;Google Custodian			402, 403, H, LF		Yes	
PX	818	GOOG-BRWN-00171653	June 22, 2020 email from Mardini regarding "Ramp-up Plan for ▮▮▮▮"	Chris Liao;Google Custodian			402, 403, LF		Yes	
PX	819	GOOG-BRWN-00172242	December 2, 2016 email from Luke Hedrick regarding "For custom bidding, how do we match/join DT IDs with Customer's data?"	Deepti Bhatnager			402, 403, LF		Yes	
PX	820	GOOG-BRWN-00173139	July 23, 2015 email from Leo Chen regarding "Brand Life Newsletter - June 2015"	Deepti Bhatnager			402, 403, LF		Yes	
PX	821	GOOG-BRWN-00173162	July 24, 2015 email from Deepti Bhatnagar regarding "Brand Life Newsletter - June 2015"	Deepti Bhatnager			402, 403, LF		Yes	
PX	822	GOOG-BRWN-00173280	May 5, 2020 email from Mardini regarding "▮▮▮▮ launch on Desktop and Android"	AbdelKarim Mardini, Chetna Bindra, Chris Liao		Admission	402, 403, ID			
PX	823	GOOG-BRWN-00175346	June 17, 2020 email from Sonali Perera regarding "PM Support needed - Walmart Server Side migration"	Google Custodian			402, 403, LF		Yes	
PX	824	GOOG-BRWN-00178120	March 22, 2019 email from Sammit Adhya regarding "▮▮▮▮ Weekly Update w/o March 21st"	Chetna Bindra; Greg Fair			403, 402, H, LF		Yes	
PX	825	GOOG-BRWN-00181672	July 16, 2020 email from Rory McClelland regarding "Ramp-up Plan for ▮▮▮▮"	AbdelKarim Mardini; Bert Leung; Chetna Bindra; Chris Liao; Rory McClelland		Admission	402, 403, LF			
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PX	827	GOOG-BRWN-00181859	May 4, 2020 email from Jochen Eisinger regarding "Measuring Searches in Incognito (for experiments)"	AbdelKarim Mardini		Admission	402, 403			
PX	828	GOOG-BRWN-00181901	April 28, 2020 email from Rory McClelland regarding "Rollout plan for ▮▮▮▮"	AbdelKarim Mardini; Rory McClelland			402, 403		Yes	
PX	829	GOOG-BRWN-00181940	May 5, 2020 email from Mardini regarding "▮▮▮▮ launch readiness"	AbdelKarim Mardini; Chetna Bindra			402, 403		Yes	
PX	830	GOOG-BRWN-00182023	April 22, 2020 email from Mardini regarding "Rollout plan for ▮▮▮▮"	AbdelKarim Mardini; Rory McClelland		Admission	402, 403, MIL			
PX	831	GOOG-BRWN-00182034	May 13, 2020 email from Chris Liao regarding "Inferring Incognito traffic from server side"	Chris Liao; Ramin Halavati; Bert Leung; AbdelKarim Mardini; Chetna Bindra; Rory McClelland		Admission	402, 403, H, LF			
PX	832	GOOG-BRWN-00182073	May 6, 2020 email from Florian Uunk regarding "▮▮▮▮ launch on Desktop and Android"	AbdelKarim Mardini; Rory McClelland		Admission	402, 403, MIL			
PX	833	GOOG-BRWN-00182199	March 9, 2020 email from Rory McClelland regarding "Chrome Incognito Logging"	AbdelKarim Mardini; Ramin Halavati; Rory McClelland			402, 403		Yes	
PX	834	GOOG-BRWN-00182298	February 20, 2020 email from Christian Dullweber regarding "▮▮▮▮ - Mobile"	Rory McClelland; AbdelKarim Mardini			402, 403		Yes	
PX	835	GOOG-BRWN-00182686	October 10, 2019 email from James Croom regarding "status of 3P blocking in Incognito mode?"	Rory McClelland; AbdelKarim Mardini			402, 403		Yes	
PX	836	GOOG-BRWN-00184772	February 28, 2020 email from "chrome-privacy-core@google.com" regarding "Digest for chrome-privacy-core@google.com-21 updates in 11 topics"	Google Custodian		Admission	402, 403, LF			
PX	837	GOOG-BRWN-00184947	August 21, 2014 email from Ellen Siegel regarding "Security Center launch with Incognito impact"	Google Custodian			402, 403, MIL, LF		Yes	
PX	838	GOOG-BRWN-00185091	June 2, 2014 email from Ryan Hamilton regarding "Recording use of incognito in UMA"	Google Custodian		Admission	402, 403, LF			
PX	839	GOOG-BRWN-00185327	May 6, 2019 email from Jochen Eisinger regarding "Meeting on Apr 25th on retention control"	AbdelKarim Mardini; Rory McClelland			402, 403		Yes	
PX	840	GOOG-BRWN-00186871	July 2019 internal document titled "Research Plan ▮▮▮▮ (2nd iteration)"	Google Custodian			402, 403, LF		Yes	
PX	841	GOOG-BRWN-00204424	January 22, 2021 internal document titled "Data Transparency I/O Moment draft"	Google Custodian		Admission	402, 403, MIL, LF			
PX	842	GOOG-BRWN-00229578	August 10, 2016 internal document titled "X-device Remarketing"	Google Custodian			402, 403, LF		Yes	
PX	843	GOOG-BRWN-00278282	July 8, 2020 email from Christian Dullweber regarding "M83 launch metrics so far"	AbdelKarim Mardini; Rory McClelland			402, 403, LF		Yes	
PX	844	GOOG-BRWN-00417704	August 1, 2019 email from Florian Uunk regarding "Privacy-Focused Chrome"	AbdelKarim Mardini			402, 403, LF		Yes	
PX	845	GOOG-BRWN-00425303	8/19 Presentation 2019 presentation titled "Multi v. Single Session Incognito Lab Study"	Google Custodian			402, 403, H, LF		Yes	
PX	846	GOOG-BRWN-00425682.R	June 3, 2020 internal document titled "Measuring Searches in Incognito (for experiments)"	Google Custodian		Admission	402, 403, MIL, LF			
PX	847	GOOG-BRWN-00426819	May 2020 presentation titled "Overview of Conversion Leaks"	Google Custodian			402, 403, LF		Yes	
PX	848	GOOG-BRWN-00432247	April 13, 2018 internal document titled "goto/ono-zwieback"	Google Custodian		Admission	402, 403, LF, MIL			

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PX	849	GOOG-BRWN-00432577	October 23, 2016 internal document titled "Argoz High Level Design For First ▮▮▮ GKS Launch"	Google Custodian			402, 403, LF, MIL		Yes	
PX	850	GOOG-BRWN-00437142	October 7, 2015 document titled "Incognito mode stats"	Google Custodian			402, 403, LF		Yes	
PX	851	GOOG-BRWN-00461603	September 17, 2018 document of a spreadsheet titled "Account Central Launches since 2015"	Google Custodian			402, 403, LF		Yes	
PX	852	GOOG-BRWN-00477439	April 23, 2021 email from "rainhard@google.com" regarding "iOS Tab Context Menus - bug"	Google Custodian	Admission		402, 403, LF			
PX	853	GOOG-BRWN-00477710	May 7, 2019 internal document titled "Ads Impact Response from ▮▮▮" and "SameSite & Secure" Launches	Chris Liao;Google Custodian	Admission		402, 403, MIL			
PX	854	GOOG-BRWN-00538280	November 10, 2017 presentation titled "Alphabet's Atomic Adolescence Geranium Privacy Engineering Summit"	Google Custodian	Admission		402, 403, H, LF			
PX	855	GOOG-BRWN-00539810	June 2021 presentation titled "Omega Privacy Clustering, Anonymization, Robust Learning and Differential Privacy"	Google Custodian			402, 403, LF		Yes	
PX	856	GOOG-BRWN-00542100	April 2017 internal document "Pisces Pairwise Cookie Link Sampling for X-Device Attribution"	Google Custodian	Admission		402, 403, LF			
PX	857	GOOG-BRWN-00547081	May 2017 internal document "Addressing Joinability Risks for Double-logging in DCLK GKS"	Google Custodian	Admission		402, 403, LF, MIL			
PX	858	GOOG-BRWN-00609007	June 15, 2016 email chain from Sammit Adhya regarding "▮▮▮ OKR; Uniqueness of User Agent String"	Google Custodian			402, 403, LF, MIL		Yes	
PX	859	GOOG-BRWN-00620969	July 27, 2021 email from "aadc-unauth-eng@google.com" regarding "Topic Digest - 25 updates in 7 topics"	Google Custodian			402, 403, LF, MIL		Yes	
PX	860	GOOG-BRWN-00764614	August 20, 2019 email from Connie Choi regarding "Understanding display ads revenue for signed out/Incognito users	Google Custodian			402, 403, LF, MIL		Yes	
PX	861	GOOG-BRWN-00844941	December 22, 2021 internal document titled "WebView Detection for ▮▮▮"	Bert Leung; Mandy Liu; Google Custodian			402, 403		Yes	
PX	862	GOOG-BRWN-00845277	October 28, 2021 email from Ankur Lahoti regarding "FF PB modeling"	Chris Liao; Bert Leung; Google Custodian	Admission		402, 403, MIL			
PX	863	GOOG-BRWN-00845423	May 18, 2021 email from "mdb.logs-front-door@google.com" regarding proposal "to keep up with the status quo of the latest 3p-cookie-blocking browsers"	Mandy Liu; Bert Leung; Google Custodian	Admission		402, 403			
PX	864	GOOG-BRWN-00845496	April 13, 2021 email from "mdb.logs-front-door@google.com" regarding proposal "to keep up with the status quo of the latest 3p-cookie-blocking browsers"	Mandy Liu; Bert Leung; Google Custodian	Admission		402, 403			
PX	865	GOOG-BRWN-00846274	May 18, 2021 email from Ary Young regarding comments to document "Detect 3P-Cookie-Blocking Browsers Logging-Design"	Mandy Liu; Google Custodian	Admission		402, 403, LF			
PX	866	GOOG-BRWN-00846532	February 3, 2022 internal document titled "Browser Intelligence Dashboard Verification"	Mandy Liu; Google Custodian	Admission		402, 403			
PX	867	GOOG-BRWN-00846838	January 2020 - February 2022 internal document with notes from weekly Team Meetings	Mandy Liu; Google Custodian			402, 403		Yes	
PX		INTENTIONALLY LEFT BLANK								
PX	869	GOOG-CABR-00058829	June 6, 2016 internal document titled "Next Generation User Id Accessor"	Google Custodian	Admission		402, 403, LF			
PX		INTENTIONALLY LEFT BLANK								
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PX	872	GOOG-CABR-00130845	July 2020 internal document titled "GKS (Gaia Keyed Serving) Overview (for perf)"	Google Custodian			402, 403, LF, MIL		Yes	
PX	873	GOOG-CABR-00226978	November 1, 2019 email from Bill Halpin regarding "▮▮▮ - ▮▮▮ sync"	Rory McClelland; Chris Liao; Mardini; Chetna Bindra; Google Custodian			402, 403		Yes	
PX		INTENTIONALLY LEFT BLANK								
PX	875	GOOG-CABR-00378096	March 2016 internal presentation titled "Crash Course on ▮▮▮"	Google Custodian			402, 403, LF, MIL		Yes	
PX	876	GOOG-CABR-00399866	February 2020 internal document titled "xGA Incognito Logging Proposal"	Google Custodian	Admission		402, 403, LF, MIL			
PX	877	GOOG-CABR-00400309	March 2016 internal document titled "Sources of Biscotti IDs"	Google Custodian			402, 403, LF		Yes	
PX	878	GOOG-CABR-00484130	January 23, 2020 email from Alexei Svitkine regarding "UMA expiry & reset"	Google Custodian	Admission		402, 403, LF			
PX	879	GOOG-CABR-00543132	March 2016 internal document titled ▮▮▮ Technical Design"	Bert Leung; Google Custodian			402, 403		Yes	
PX	880	GOOG-CABR-00544408	December 28, 2020 internal document titled "Detect 3P Cookie Blocking Browsers Technical Design"	Mandy Liu; Google Custodian			402, 403, MIL		Yes	
PX	881	GOOG-CABR-00546609	May 27, 2020 email from Ankur Lahoti regarding "Follow-up on ▮▮▮ impact mitigation"	Bert Leung; Chris Liao; Chetna Bindra	Admission		402, 403, MIL			
PX	882	GOOG-CABR-00546737	May 28, 2020 email from Nitish Korula regarding "Understanding publisher impact from ▮▮▮"	Bert Leung; Google Custodian	Admission		402, 403, MIL			
PX	883	GOOG-CABR-00547292	September 17, 2020 email from Chris Liao regarding "▮▮▮"	Chris Liao; Bert Leung; Chetna Bindra	Admission		402, 403, MIL			
PX	884	GOOG-CABR-00547526	August 1, 2020 email thread regarding "Follow-up on ▮▮▮ impact mitigation"	Chris Liao; Chetna Bindra ; Google Custodian	Admission		402, 403, MIL			
PX	885	GOOG-CABR-00550150	June 2018 internal document titled "AGSA Feature Design Sketch; AGSA Incognito Search"	Google Custodian			402, 403, LF, MIL		Yes	
PX	886	GOOG-CABR-00799195	April 23, 2021 email from "rainhard@google.com" regarding "Incognito using the UMA ID as regular mode"	Ramin Halavati; Google Custodian	Admission		402, 403, LF, MIL			

Prefix	Ex. No.	Begin Bates	Description	Sponsoring Witness	Expert Identification	Stipulation to Admit	Google Objections	Plaintiffs' Objections	Injunction Phase of Trial (Plaintiffs Only)	Date Admitted
PX	887	GOOG-CABR-00891766	June 17, 2021 document/webpage of "Zwieback Client Quick Start"	Google Custodian			402, 403, LF, MIL		Yes	
PX	888	GOOG-CABR-00891932	April 6, 2018 document/webpage of "Ads Privacy - AKAR"	Google Custodian			402, 403, LF		Yes	
PX	889	GOOG-CABR-00892355	July 2021 internal presentation titled "Life of Ads Identifier"	Google Custodian			402, 403, LF		Yes	
PX	890	GOOG-CABR-03644400	January 28, 2019 internal document titled "Including Chrome Metrics in ▮▮▮"	Google Custodian			402, 403, LF		Yes	
PX	891	GOOG-CABR-03650185	November 19, 2019 internal document titled "Android WebLayer UMA Metrics"	Google Custodian			402, 403, LF, MIL		Yes	
PX	892	GOOG-CABR-03650896	March 30, 2019 internal document titled "DeepNow Training From Server Logs go ▮▮▮"	Google Custodian	Admission		402, 403, LF			
PX	893	GOOG-CABR-03652862	June 30, 2016 internal document titled "▮▮ v2 Detailed API Design"	Google Custodian			402, 403, LF		Yes	
PX	894	GOOG-CABR-03653108	July 31, 2016 internal document titled "AdX ▮▮▮ ▮▮▮"	Google Custodian			402, 403, LF		Yes	
PX	895	GOOG-CABR-03653580	September 2015 internal document titled "Mapping from Native Identifiers to Biscotti"	Google Custodian			402, 403, LF		Yes	
PX	896	GOOG-CABR-03654277	March 2016 internal document titled "GKS 'Single' (or 'Double Identifier') Logging"	Google Custodian			402, 403, LF, MIL		Yes	
PX	897	GOOG-CABR-03655476	January 5, 2018 internal document titled "Moving ▮▮▮ (Linked Cookie) Lookup from IBA Server to ▮▮"	Google Custodian			402, 403, LF, MIL		Yes	
PX	898	GOOG-CABR-03655615	January 22, 2019 internal document titled "▮▮ v2 Migration in ▮▮"	Google Custodian			402, 403, LF		Yes	
PX	899	GOOG-CABR-03660070	January 9, 2020 internal document titled "Unifying Storage Updates in ▮▮ Design"	Google Custodian			402, 403, LF		Yes	
PX	900	GOOG-CABR-03660852	March 6, 2020 email from Hua Liu regarding "Fill in Biscotti fingerprint for ▮▮▮ -linked Biscotti IDs"	Google Custodian			402, 403, LF, MIL		Yes	
PX	901	GOOG-CABR-03662314	March 2020 internal presentation titled "▮ Infrastructure Deep Dive"	Google Custodian			402, 403, LF		Yes	
PX	902	GOOG-CABR-03663124	August 30, 2019 internal document titled "Identity Infra Overview"	Google Custodian			402, 403, LF		Yes	
PX	903	GOOG-CABR-03664108	September 24, 2019 internal document titled "Zwieback ▮▮▮"	Google Custodian	Admission		402, 403, LF, MIL			
PX	904	GOOG-CABR-03665215	December 9, 2020 internal document titled "▮▮▮ Updates"	Google Custodian			402, 403, LF, MIL		Yes	
PX	905	GOOG-CABR-03665840	November 2019 internal presentation titled "▮ Deep Dive - 2019"	Google Custodian	Admission		402, 403, LF			
PX	906	GOOG-CABR-03666135	August 2020 internal document titled "▮ go ▮▮ -design"	Google Custodian			402, 403, LF, H		Yes	
PX	907	GOOG-CABR-03667863	September 16, 2020 internal document titled "User Identifier Attributes for Display Ads Quality"	Google Custodian			402, 403, DRAFT, LF, H		Yes	
PX	908	GOOG-CABR-03667885	December 2, 2019 internal document titled "▮▮▮ Migration Design"	Google Custodian			402, 403, LF, H		Yes	
PX	909	GOOG-CABR-03668216	May 4, 2021 internal document titled "Detect 3P-Cookie-Blocking Browsers Technical Design"	Google Custodian	Admission		402, 403, LF, H, MIL			
PX	910	GOOG-CABR-03741379	June 23, 2016 internal document titled "PBS 2017 Business Planning - Programmatic"	Google Custodian			402, 403, LF, H, MIL		Yes	
PX	911	GOOG-CABR-03841886	March 30, 2020 internal document titled "▮▮ Infrastructure Overview"	Google Custodian			402, 403, LF, H		Yes	
PX	912	GOOG-CABR-04087253	March 24, 2020 internal document titled "Search Incognito IP Address Logging Proposal"	Google Custodian	Admission		402, 403, DRAFT, LF, MIL			
PX	913	GOOG-CABR-04094733	June 2013 internal presentation titled "Cross-Device Conversion Tracking Display ▮▮)"	Google Custodian			402, 403, LF		Yes	
PX	914	GOOG-CABR-04139362	August 31, 2012 internal document titled "DFP Premium Audience add-on troubleshooting"	Google Custodian			402, 403, LF		Yes	
PX	915	GOOG-CABR-04143124	July 2017 internal document titled "Biscotti Cookie Attributes Collection in GKS for ▮▮▮ Privacy Launch Doc"	Google Custodian			402, 403, LF		Yes	
PX	916	GOOG-CABR-04207444	March 29, 2019 internal document titled "▮▮ to ▮▮ migration"	Google Custodian			402, 403, LF		Yes	
PX	917	GOOG-CABR-04207799	June 8, 2016 internal document titled "UIS Integration with PrivacyRuleEngine"	Google Custodian			402, 403, LF		Yes	
PX	918	GOOG-CABR-04409355	January 30, 2017 internal document titled "'One Google Tag' options for Cross Platform/GA ▮▮▮"	Google Custodian			402, 403, LF		Yes	
PX	919	GOOG-CABR-04469657	July 13, 2017 internal document titled "GKS Biscotti Cookie Attributes"	Google Custodian			402, 403, LF, MIL		Yes	
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JX	921	GOOG-CABR-04470006	July 16, 2020 internal document titled "Detect 3P Cookies Blocking Browsers"	**Plaintiffs:** Google Custodian **Google:** Psounis	**Plaintiffs:** Admission **Google:** Identification		402, 403, Draft, LF, MIL			
PX	922	GOOG-CABR-04610209	May 24, 2021 internal document titled "IP + User Agent Diversion in Admixer (go/ads-ip-diversion)"	Google Custodian			402, 403, LF		Yes	
PX	923	GOOG-CABR-04611027	August 11, 2021 internal presentation titled "Ads Privacy - 2022 Strat Plan"	Google Custodian			402, 403, LF		Yes	
PX	924	GOOG-CABR-04663978	2021 spreadsheet of Google Products OKRs	Google Custodian			402, 403, LF		Yes	
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PX	926	GOOG-CABR-04696440	June 7, 2021 internal document titled "Building towards Complex yet Resilient Identity (go/id-combos)"	Google Custodian; Chris Liao			402, 403, LF		Yes	
JX	927	GOOG-CABR-04704939	April 22, 2021 internal presentation titled "Conversion Panel Proposal, BAM review"	**Plaintiffs:** Google document custodian **Google:** Strombom	**Google:** Identification		402, 403, LF	**Objections to Google's Use:** Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.	Yes	

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PX	928	GOOG-CABR-04719378	March 25, 2018 internal document titled "Zwieback Linked ID (formerly Zwieback Global ID)"	Google Custodian			402, 403, LF, MIL		Yes	
PX	929	GOOG-CABR-04724955	July 9, 2015 internal presentation titled "Exec Update on Display Measurement OKR (UBM User Based Measurement)"	Google Custodian			402, 403, LF, MIL		Yes	
PX	930	GOOG-CABR-04742852	May 7, 2021 email from Linzi Wu regarding comments to "[Chrome Identity] Proposal Quick Profile Switch"	Google Custodian			402, 403, LF		Yes	
PX	931	GOOG-CABR-04767620	June 8, 2020 internal document titled "Android Metrics - Consents & User Data Handling"	Google Custodian			402, 403, LF, MIL		Yes	
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PX	933	GOOG-CABR-04781974	August 1, 2019 internal document titled "Display Ads███ Service Integration Experiment"	Google Custodian	Admission		402, 403, LF, MIL			
PX	934	GOOG-CABR-04795930	March 18, 2020 internal document titled "Thoughts on a 'Plan B' for 3P Cookie Deprecation"	Chris Liao; Chetna Bindra; Google Custodian			402, 403, LF		Yes	
PX	935	GOOG-CABR-04803103	March 28, 2019 email from Chetna Bindra regarding "Sundar Debrief Notes"	Chetna Bindra; Google Custodian	Admission		402, 403, LF, H			
PX	936	GOOG-CABR-05296460	February 3, 2021 document/webpage titled "Zwieback Privacy and Data Storage Policy"	Google Custodian			402, 403, LF, MIL		Yes	
PX	937	GOOG-CABR-05757329	May 5, 2021 internal document titled "Detect 3P-Cookie-Blocking Browsers Logging Design"	Mandy Liu; Google Custodian	Admission		402, 403, MIL			
PX	938	GOOG-CABR-05757346	June 29, 2021 internal document titled "3P-Cookie Blocking Browsers Monitoring Dashboard"	Mandy Liu; Google Custodian	Admission		402, 403			
PX	939	GOOG-CABR-05786200	May 7, 2019 email from Martin Sramek regarding feedback on a Chrome extension	Rory McClelland; Google Custodian	Admission		402, 403, LF, MIL			
PX	940	GOOG-CABR-05864771	October 20, 2020 internal presentation "Identity 2022 DV3+CM Product Plan"	Google Custodian			402, 403, LF		Yes	
PX	941	GOOG-CABR-05865867	March 2015 internal document titled ███ + User Sign-in Id for Measurement Design Doc"	Google Custodian			402, 403, LF, MIL		Yes	
PX	942	GOOG-CABR-05878845	March 2022 internal presentation titled "Bidding in Adversarial Auctions (gTrade)"	Google Custodian			402, 403, LF		Yes	
PX	943	GOOG-CABR-05886950	March 22, 2019 email from Joshua K. regarding comments to "███ Weekly"	Chetna Bindra; Google Custodian	Admission		402, 403, H, LF			
PX	944	GOOG-CABR-05895730	May 2020 internal presentation titled "Sin Rastro Product Update"	Google Custodian	Admission		402, 403, LF			
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PX	946	GOOG-CALH-00062072	April 22, 2021 document/webpage titled "Zwieback Storage Service"	Google Custodian			402, 403, LF, MIL		Yes	
PX	947	GOOG-BRWN-00812712	December 9, 2013 email from Tabriz regarding interpretations of incognito mode	Palmer, Tabriz	Admission		402, 403, LF, H			
PX	948	GOOG-BRWN-00806379	January 28, 2015 email from Tabriz regarding "HSTS in regular and incognito mode"	Palmer, Tabriz	Admission		402, 403, LF, H			
PX	949	GOOG-CABR-04920112	August 25, 2018 email from Tabriz regarding "Chrome Security Offsite" event	Felt, Tabriz	Admission		402, 403, LF, H			
PX	950	GOOG-CABR-05271057	January 29, 2019 email from Tabriz regarding "Incognito discoverability effort"	Adhya, Fair, McClelland, Mardini, Shelton, Tabriz	Admission		402, 403, LF, H, MIL			
PX	951		Excerpt from March 10, 2022 Deposition Chung Tr. at 55 19-24	Chung	Admission		402, 403, H, LF, MIL, improper exhibit (should have included as deposition designation)			
PX	952		Excerpt from March 10, 2022 Deposition Chung Tr. at 142 16-143 3	Chung	Admission		402, 403, H, LF, improper exhibit (should have included as deposition designation)			
PX	953		Excerpt from March 10, 2022 Deposition Chung Tr. at 143 8-144 9	Chung	Admission		402, 403, H, improper exhibit (should have included as deposition designation)			
PX	954	GOOG-BRWN-00078372	June 1, 2021 internal document titled "Identifiers Handled in ███"	Google Custodian	Admission		402, 403, LF			
PX	955	GOOG-CABR-04086314	March 26, 2020 internal document titled "Assistant Location ███ Service Integration"	Monsees	Admission		402, 403, LF, Draft			
PX	956		February 17, 2023 Google's Letter to Brown & Calhoun re ███ Mapping & Linking Tables	Google Custodian	Admission		402, 403, H, NE, MIL			
PX	957	GOOG-CABR-03669606	May 18, 2021 internal document titled "AADC Ads State Mapping"	Leung, Liao, Google Custodian	Admission		402, 403, MIL, Draft			
PX	958	GOOG-CABR-04761793	May 19, 2021 internal document titled "Field Guide to Display Ads"	Google Custodian			402, 403, LF		Yes	
PX	959	GOOG-BRWN-00162235	November 20, 2019 internal presentation titled "Project ███ Publisher 1P Cookies/IDs Strategy"	Berntson			402, 403, MIL		Yes	
PX	960	GOOG-BRWN-00727617	November 25, 2019 email from Jensen regarding "Envoy and Willful IP Blindness"	Adhya, McClelland, Palmer	Admission		402, 403, H, LF			
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PX	967	GOOG-BRWN-00232201	February 20, 2019 email from Pearson regarding "Privacy Contact Recording Omnibox User Actions in Incognito"	Google Custodian	Admission		402, 403, H, LF			
PX	968	GOOG-CABR-04420253	October 13, 2020 internal presentation titled "Adobe Tip Sheet"	Google Custodian			402, 403, LF		Yes	
PX	969	GOOG-CABR-04080249	October 20, 2016 internal presentation titled "Tracking & Collection Overview"	Google Custodian	Admission		402, 403, LF			
PX	970	GOOG-CABR-03718295	February 16, 2018 internal presentation titled "A Brief History of GTM"	Google Custodian	Admission		402, 403, H, LF, draft			
PX	971	GOOG-CABR-03626440	August 8, 2011 internal document titled "███ Design"	Google Custodian			402, 403, H, LF, draft		Yes	
PX	972	GOOG-CABR-04082275	December 6, 2017 internal presentation titled "GA for Attribution Lab"	Google Custodian			402, 403, LF		Yes	

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PX	973	GOOG-BRWN-00043738	February 5, 2021 internal document regarding "Sending Data to Google Analytics"	Google Custodian	Admission		402, 403, LF			
PX	974	GOOG-BRWN-00543304	July 11, 2018 internal presentation titled "User ID-X-Platform"	Google Custodian	Admission		402, 403, LF			
PX	975	GOOG-BRWN-00547856	June 20, 2012 internal document titled ▮▮▮ Design Document"	Google Custodian	Admission		402, 403, H, LF, MIL			
PX	976	GOOG-BRWN-00426704	October 30, 2020 internal document titled "Remarketing Lists for Search Ads"	Google Custodian			402, 403, H, LF, MIL		Yes	
PX	977	GOOG-CABR-04129758	December 8, 2015 internal presentation titled "DRX Overview for Nooglers"	Berntson			402, 403, LF		Yes	
PX	978	GOOG-CABR-04142717	January 16, 2018 internal presentation titled "DRX Overview"	Google Custodian			402, 403, LF		Yes	
PX	979	GOOG-CABR-00400183	September 15, 2017 internal document titled "Mini-PRD ▮▮▮ for Video Frequency Capping When 3P Cookies Are Missing"	Bhatnagar			402, 403, H, LF, Draft		Yes	
PX	980	GOOG-CABR-04774064	March 10, 2020 internal presentation titled "Pub 1P Identity + Data (PPID)"	Berntson, Bhatnagar, Liao	Admission		402, 403, LF, Draft			
PX	981	GOOG-CABR-03678409	March 1, 2019 internal document titled "Active View Signals"	Google Custodian			402, 403, H, LF, Draft		Yes	
PX	982	GOOG-CABR-00399513	November 12, 2015 internal document titled "Actie View System"	Bhatnagar			402, 403, H, LF, Draft		Yes	
PX	983	GOOG-CABR-04782411	October 10, 2014 internal document titled "Comms Active View & Viewability – 2014"	Google Custodian			402, 403, H, LF, Draft		Yes	
PX	984	GOOG-CABR-04795482	April 15, 2016 internal presentation titled "Viral Signed Out Logging Infra"	Liao, Google Custodian	Admission		402, 403, LF, MIL			
PX	985	GOOG-CABR-03718357	February 25, 2019 internal document titled "AUID Cookie Proposals"	Google Custodian			402, 403, H, LF, Draft		Yes	
PX	986	GOOG-BRWN-00143334	April 16, 2020 internal document titled "Whitepaper Conversion Modeling"	Google Custodian	Admission		402, 403, H, LF, Draft			
PX	987	GOOG-BRWN-00438510	January 17, 2020 email thread regarding ▮▮▮ sync"	Bindra, Halavati, Leung, Liao, McClelland	Admission		402, 403, H, MIL			
PX	988	GOOG-CABR-04665148	December 17, 2015 academic article titled "Analysis of Privacy of Private Browsing Mode through Memory Forensics"	Google Custodian	Admission		402, 403, H, LF			
PX	989	GOOG-CABR-04696662	September 5, 2019 internal document titled "Encrypted On-Disk Web Platform Storage for Incognito Profiles"	Halavati, McClelland, Palmer	Admission		402, 403, H, Draft			
PX	990	GOOG-CABR-04605197	June 24, 2020 internal document titled "Exploration of signals for cookie theft indications"	Bindra	Admission		402, 403, H, LF, Draft			
PX	991	GOOG-CABR-05270219	July 22, 2019 internal presentation titled "Sin Rastro Overview 1P App Giants Coalition"	Adhya, Borsay, Fair, Mardini, McClelland			402, 403, LF, H, MIL		Yes	
PX	992		Sarah Perez, "Google s CEO Thinks Android Users Know How Much Their Phones Are Tracking Them," TechCrunch, https://techcrunch.com/2018/12/11/google-ceo-sundar-pichai-thinks-android-users-know-how-much-their-phones-are-tracking-them	Google Custodian	Admission		402, 403, H, LF			
PX	993		CBS News, "Google CEO Sundar Pichai questioned on tracking of users' locations" YouTube, https://www.youtube.com/watch?v=iv2BeDqxTEA	Google Custodian	Admission		402, 403, H, LF			
PX	994	GOOG-CABR-00422906	February 23, 2015 internal presentation titled "Perceptions of Chrome Incognito"	Borsay, Harris	Admission		402, 403, H, LF			
PX	995	GOOG-BRWN-00165756	October 28, 2019 internal presentation titled "Sin Rastro / Chrome (Interaction with Google)"	Borsay, Halavati, Mardini	Admission		402, 403, LF, MIL, Draft			
PX	996	GOOG-CABR-03665962	November 13, 2019 internal presentation titled ▮▮▮ Linkage Deep Dive"	Liao, Google Custodian	Admission		402, 403, LF			
PX	997		Issie Lapowsky, Apple Takes a Swipe at Google in Open Letter on Privacy, Wired (Sept. 10, 2014), https://www.wired.com/2014/09/apple-privacy-policy/	Google Custodian	Admission		402, 403, H, LF			
PX	998		James Cook Google denies tracking of users of 'incognito' private web browsers, The Telegraph (August 22,2018), https://www.telegraph.co.uk/technology/2018/08/22/google-denies-tracking-people-use-incognito-private-browsers/	Google Custodian	Admission		402, 403, H, LF, MIL			
PX	999	GOOG-BRWN-00641709	May 1, 2019 Presentation Titled ▮▮▮ Tables	Google Custodian	Admission		402, 403, LF			
DX	1000	GOOG-CABR-04067825	Google, Internal Presentation, "Consent Bump 2.0 for ▮▮▮ Launched UX," by Puja Verman and Cat Nguyen, updated Jan. 19, 2017	Fair	Admission			Relevance; Hearsay; Foundation; 403 (Narnia discovery previously claimed as privileged); 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous)		
DX	1001	GOOG-CABR-00000505	Google, Chrome Privacy Whitepaper, last modified Mar. 6, 2018	Felt	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1002	GOOG-CABR-00000430	Google, Chrome Privacy Whitepaper, last modified Apr. 17, 2018	Felt	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1003	GOOG-CABR-00000455	Google, Chrome Privacy Whitepaper, last modified July 19, 2018	Felt	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		

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DX	1004	GOOG-CABR-00000262	Google, Chrome Privacy Whitepaper, last modified Sept. 4, 2018	Felt	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1005	GOOG-CABR-00057918	Google, Internal Memo, "Joining other data sources with Chrome UMA," authored by @supertri, dated Nov. 2018	Felt/Sadowski	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1006	GOOG-CABR-00000290	Google, Chrome Privacy Whitepaper, last modified Nov. 11, 2018	Felt	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1007	GOOG-CABR-00000150	Google, Chrome Privacy Whitepaper, last modified Dec. 5, 2018	Felt	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1008	GOOG-CABR-00000122	Google, Chrome Privacy Whitepaper, last modified Jan. 19, 2019	Felt	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1009	GOOG-CABR-00000066	Google, Chrome Privacy Whitepaper, last modified Mar. 12, 2019	Felt	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1010	GOOG-CABR-00073875	Google, Internal Policy, "User Data Access Policy"	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1011	GOOG-BRWN-00029002	Google, Internal Policy, "Scrubbing Policies for Log Data," last edited Nov. 9, 2020	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1012		Redfin, Redfin Privacy Notice, effective Jan. 1, 2020 (Exhibit GO -0001 to Chasom Brown deposition)	Brown/Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1013	GOOG-BRWN-00029326	Google, Internal Policy, "Device/App/Browser Fingerprinting and Immutable Identifiers Policy," Jan. 9, 2020, available at go/fingerprintingpolicy	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1014	GOOG-CALH-00027147	Google, Internal Policy, "Device/App/Browser Fingerprinting and Immutable Identifiers Policy," last reviewed Jan. 9, 2020	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1015		Google Chrome and Chrome OS Additional Terms of Service, updated on Mar. 31, 2020	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1016	GOOG-CABR-00087981	Google, Chrome Privacy Whitepaper, last modified Apr. 7, 2020	Felt	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1017		Williams Sonoma, Legal Statement Privacy Policy, last updated June 2020 (Exhibit GO -0001 to Monique Trujillo deposition)	Trujillo/Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1018	GOOG-BRWN-00029004	Google, Internal Policy, "Log Data Usage Rules," available at go/logs/usage-rules	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1019	GOOG-CABR-05424608	Google, Analytics Site showing number of pages views of Google's privacy policy	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1020	GOOG-CABR-00048617	Google, Chrome Privacy Whitepaper, last modified Sept. 30, 2020	Felt	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		

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DX	1021	GOOG-CABR-00073880	Google, Internal Privacy Policy, "User Data Retention and Deletion Guidelines" Last reviewed October 6, 2020	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1022	GOOG-CABR-00073922	Google, Internal Policy, "User Data Retention and Deletion Policy"	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1023	GOOG-CABR-04717190	Google, Internal Guidelines User Data Retention and Deletion Guidelines	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1024	GOOG-CABR-00051478	Google, Internal Policy, "User Data Retention and Deletion Policy," last reviewed Oct. 16, 2020	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1025	GOOG-BRWN-00008988	Google, Analytics Help Center, "About the User-ID feature," accessed Nov. 4, 2020	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1026	GOOG-CABR-00043362	Google, Chrome Help Center, "How Private Browsing Works in Chrome," accessed Nov. 4, 2020	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1027	GOOG-CABR-00040979	Google, Chrome Help Center, "Browse in Private," accessed Nov. 4, 2020	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1028	GOOG-CALH-00027152	Google, Internal Webpage, "Scrubbing Policies for Log Data," last edited Nov. 9, 2020	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1029	GOOG-CABR-00057779	Google, Internal Webpage, "Chrome Metrics - Common Assumption for Analyzing UMA Data" Last edited December 16, 2019	Felt/Sadowski	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1030	GOOG-CABR-00057895	Google, Internal Webpage, "Chrome Metrics - Generalizing to the Whole Population" Last edited December 9, 2020	Felt/Sadowski	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1031	GOOG-CABR-00059431	Google, Internal Webpage, "Ads Log Types" Last edited December 14, 2020	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1032	GOOG-CABR-00058926	Google, Internal Presentation, "DRX Identity Knowledge Share"	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1033		Google Chrome and Chrome OS Additional Terms of Service, last modified Jan. 1, 2021	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1034	GOOG-CABR-00078808	Google, Privacy Policy, last modified Feb. 4, 2021	Fair	Admission	Yes		None		
DX	1035		Google, Chrome Privacy Whitepaper, last modified Feb. 4, 2021	Felt	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1036	GOOG-CABR-05466323	Google, Internal Presentation, "Team Deep Dive Q4 2020 - Ads Identity & Infrastructure"	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1037	GOOG-BRWN-00030964	Google Subscriber Information - Account	Fair	Admission	Yes		None		
DX	1038	GOOG-BRWN-00030104	Google Subscriber Information - Account	Fair	Admission	Yes		None		

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DX	1039	GOOG-BRWN-00029466	Google Subscriber Information - Account	Fair	Admission	Yes		None		
DX	1040	GOOG-CABR-04720562	Google, Internal Policy, "Digital Fingerprinting and Immutable Identifiers Policy" Last Review May 19, 2021	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1041	GOOG-BRWN-00229529	Google Subscriber Information - Account	Fair	Admission	Yes		None		
DX	1042	GOOG-BRWN-00229514	Google Subscriber Information - Account	Fair	Admission	Yes		None		
DX	1043		The New York Times, Company Privacy Policy, last updated July 1, 2021 (Exhibit GO-0002 to William Byatt deposition)	Byatt/Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1044	GOOG-CABR-04989768	Google, Privacy Policy, last modified July 1, 2021	Fair	Admission	Yes		None		
DX	1045	GOOG-CABR-05435660	Google, Identity Campaign, "Campaign Overview" showing CB2 "agree" and "sign-up" decisions in United States	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1046	GOOG-CABR-05424629	Google, Identity Campaign, "Campaign Overview" showing CB2 impressions sliced by decision	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1047	GOOG-CABR-05876957	Google, Measurement of Views of Google Help Pages between July 1, 2017 and Jan. 1, 2022	Fair/Sadowski	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1048		CoinMarketCap, Privacy and Cookie Policy, accessed on Jan. 5, 2022 (Exhibit GO- 0004 to Jeremy Davis disposition)	Davis/Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1049		Google, Support Center, "Browse in Private," available at https //support.google.com/chrome/answer/95464	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1050		Google, Chrome Help Center, "How private browsing works in Chrome," available at https //support.google.com/chrome/answer/744030 1	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1051	GOOG-CABR-04981576	New Account Creation Agreement for Google Accountholders	Fair	Admission			None		
DX	1052	GOOG-CABR-05435660	Google, "Identity Campaign Campaign Overview," Statistics representing users who selected "I AGREE" to the New Account Creation Agreement for Google Accountholders	Fair/Sadowski	Admission			None		
DX	1053		Google, Analytics Help Center, "About the User-ID feature," available at https //support.google.com/analytics/answer/31236 62?hl=en&ref_topic=3123660	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1054		Google, Help Center, "Find & Control Your Web & App Activity," available at https //support.google.com/websearch/answer/5406 8?hl=en&co=GENIE.Platform%3DDesktop	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403 (WAA not at issue in this case); Not produced		
DX	1055		Google, Help Center, "How Private Browsing Works in Chrome" (Mobile), accessed July 6, 2020, available at https //web.archive.org/web/20200706003245/https /support.google.com/chrome/answer/7440301?co= GENIE.Platform%3DiOS&oco=1	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1056		Steinmetz, Katy, "These Companies Have the Best (And Worst) Privacy Policies," Aug. 6, 2015, Time, available at https //perma.cc/9QEY-EZG2	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1057		Google, Ads Help Center, "Why you re seeing an ad," available at https //perma.cc/M4YC-J5QK	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1058		Google, "Settings for Ads Personalization," available at https //perma.cc/PZ2N-GGQN	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1059		Google, Ad Manager Help Center, "About publisher provided identifiers," available at https //perma.cc/H8L4-FYTM, (last visited June 6, 2022)	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		

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DX	1060		Google Ads Help Center, "Manual CPC bidding," available at https //perma.cc/6SHE-ZHHE	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1061		Google, Chrome Help Center, "How private browsing works in Chrome, available at https //perma.cc/Q5JW-H45J	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1062		Google Ad Manager Help Page, AdChoices for the Google Display Network, available at https //perma.cc/XX3X-M6N9	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1063		Google, Analytics Help Center, "Universal Analytics will be going away," available at https //support.google.com/analytics/answer/11583 528?hl=en	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1064		Google, Analytics Help Center, "[GA4] Activate Google signals for Google Analytics 4 properties," available at https //support.google.com/analytics/answer/94453 45?hl=en	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1065		Google, Analytics Help Center, "[GA4] Link Google Ads and Analytics," available at https //support.google.com/analytics/answer/93794 20?hl=en	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1066		Google, Analytics Help Center, "[GA4] Measure activity across platforms," available at https //support.google.com/analytics/answer/92133 90?hl=en	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1067		Google, Analytics Help Center, "About Advertising Features," available at https //support.google.com/analytics/answer/34504 82	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1068		Google, Ads Help Center, "About enhanced conversions," available at https //perma.cc/6UH8-9Q7X	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1069		CookiePro Knowledgebase, "What is a First-Party Cookie?" Sept. 17, 2021, available at https //www.cookiepro.com/knowledge/what-is-a-first-party-cookie/	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1070		Google, Ad Manager Help Center, "About publisher provided identifiers," available at https //perma.cc/P6WG-YX4S	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1071		Google, Analytics Help Center, "About the User-ID feature," available at https //support.google.com/analytics/answer/31236 62#zippy=%2Cin-this-article	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1072		Google, Analytics Help Center, "Activate Google signals," available at https //support.google.com/analytics/answer/75329 85	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1073		Google, Ad Manager Help Center, "Ad Choices for the Google Display Network," available at https //support.google.com/admanager/answer/2695 279?hl=en	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1074		Google, Ad Manager Help Center, "Ad personalization settings in Google s publisher ad tags," available at https //support.google.com/admanager/answer/7678 538.	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1075		Google, Ad Manager Help Center, "Ad selection white paper," available at https //support.google.com/admanager/answer/1143 651#zippy=%2Csummary-of-data-typestable	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1076		Google, Publisher Tag Guide, "Ad sizes," available at https //developers.google.com/publisher-tag/guides/ad-sizes	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1077		Google, Analytics Developer Guide, "Add gtag.js to your site," available at https //developers.google.com/analytics/devguides/c ollection/gtagjs	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1078		Google, Ad Manager Help Center, "Advertising with Google Ad Manager," available at https //support.google.com/admanager/answer/6022 000?hl=en	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1079		Google, Chrome Enterprise and Education Help Center, "Allow private browsing," available at https //support.google.com/chrome/a/answer/93028 96?hl=en	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		

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DX	1080		Google, My Ad Center Help Center, "Block certain ads," available at https //support.google.com/ads/answer/2662922?hl=en	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1081		Google, Chrome Help Center, "Choose your privacy settings," available at https //support.google.com/chrome/answer/114836?hl=en&co=GENIE.Platform%3DDesktop	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1082		Google, Analytics Developer Guide, "Cookies and user identification with gtag.js," available at https //developers.google.com/analytics/devguides/collection/gtagjs/cookies-user-id	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1083		Google, Analytics Developer Guide, "Cookies and User Identification," available at https //developers.google.com/analytics/devguides/collection/analyticsjs/cookies-user-id	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1084		Google, Analytics Developer Guide, "Disable Google Analytics measurement," available at https //developers.google.com/analytics/devguides/collection/gtagjs/user-opt-out	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1085		Google, Analytics Help Center, "Enable Remarketing and Advertising Reporting Features in Analytics," available at https //support.google.com/analytics/answer/2444872	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1086		Google, Ad Manager Help Center, "Get started with ads in Google, Ad Manager," available at https //support.google.com/admanager/answer/6027116?hl=en&ref_topic=7506292	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1087		Google, Publisher Tag Developer Guide, "Get Started with Google Publisher Tags," available at https //developers.google.com/publisher-tag/guides/get-started	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1088		Google, Analytics Developer Guide, "Google Analytics 4 SDK, and User ID Feature Policy," available at https //developers.google.com/analytics/devguides/collection/ga4/policy	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1089		Google, Tag Manager Help Center, "Google Analytics 4 tags," available at https //support.google.com/tagmanager/answer/9442095	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1090		Google, Analytics Developer Guide, "Google Analytics Cookie Usage on Websites," available at https //developers.google.com/analytics/devguides/collection/gtagjs/cookie-usage	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1091		Google, Chrome Web Store, "Google Analytics Opt-out Add-on (by Google)," available at https //chrome.google.com/webstore/detail/google-analytics-optout/fllaojicojecljbmefodhfapmkghcbnh?hl=en	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1092		Google, Tools, "Google Analytics Opt-out Browser Add-on," available at https //tools.google.com/dlpage/gaoptout/	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1093		AdGuard, "AdGuard," available at https //adguard.com/en/welcome.html	Ganem, Zervas	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1094		Google, Ad Manager Help Center, "Google Publisher Policies," available at https //support.google.com/admanager/answer/10502938?	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1095		Google, Ad Manager Help Center, "Google Publisher Policies Privacy-related policies Privacy disclosures," available at https //perma.cc/G2FU-Z7PK	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1096		Google, Analytics Developer Guide, "Hello Analytics API JavaScript quickstart for web applications," available at https //developers.google.com/analytics/devguides/config/mgmt/v3/quickstart/web-js	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1097		Google Privacy & Terms, "How Google uses information from sites or apps that use our services," available at https //policies.google.com/technologies/partner-sites	Fair	Admission	Yes		Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1098		Google, Chrome Help Center, "How private browsing works in Chrome," available at https //support.google.com/chrome/answer/7440301?hl=en&ref_topic=9845306	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		

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DX	1099		Google, Chrome Help Center, "How private browsing works," archived by the Wayback Machine, May 3, 2020, available at https //web.archive.org/web/20200503180118/https //support.google.com/chrome/?p=incognito	Fair	Admission			Relevance; Hearsay; Foundation; Authenticity; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1100		Google, Chrome Web Store, "IBA Opt-out (by Google)," available at https //chrome.google.com/webstore/detail/iba-opt-out-bygoogle/gbiekjoijknlhijdjbaadobpkdhmoebb?hl=en	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1101		Google Chrome Developer Guide, "Inspect network activity," Feb. 8, 2019, available at https //perma.cc/96JX-HTQF	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1102		Google, Analytics Help Center, "IP Anonymization (or IP masking) in Google Analytics," available at https //support.google.com/analytics/answer/2763052	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1103		Google, Analytics Developer Guide, "Learn about Google Analytics," available at https //developers.google.com/analytics/devguides/platform	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1104		Google, Ad Manager Help Center, "Limited Ads," available at https //perma.cc/MT25-D2C3	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1105		Google, Analytics Help Center, "Limits of User-ID view & Cross Device reports," available at https //perma.cc/BAM5-AYUB	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1106		Google, Analytics Developer Guide, "Manage user privacy," available at https //perma.cc/PVW7-EBB2	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1107		Google, Tag Platform Developer Guide, "Manage user privacy," available at https //developers.google.com/tagplatform/devguides/privacy	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1108		Google, Analytics Developer Guide, "Measurement Protocol, SDK, and User ID Feature Policy," available at https //developers.google.com/analytics/devguides/collection/protocol/ga4/policy	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1109		Google, Analytics Developer Guide, "Migrate from analytics.js to gtag.js (Universal Analytics)," available at https //developers.google.com/analytics/devguides/migration/ua/analyticsjs-to-gtagjs	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1110		Google, Ad Manager Help Center, "Personalized and non-personalized Ads," available at https //support.google.com/admanager/answer/9005435	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1111		Google, Analytics Help Center, "Policy requirements for Google Analytics Advertising Features," available at https //support.google.com/analytics/answer/2700409	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1112		Google, Ad Manager Help Center, "Restricted data processing (CCPA) settings in Google s publisher ad tags," available at https //support.google.com/admanager/answer/9598414#other-tags.	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1113		Google, Analytics Help Center, "Safeguarding your data," available at https //support.google.com/analytics/answer/6004245	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1114		Google, Ads Help Center "Set up enhanced conversions for web manually with Google Tag Manager," available at https //perma.cc/CR99-8WUE	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1115		Google, Tag Manager Help Center "Tag Manager overview," available at https //support.google.com/tagmanager/answer/6102821?hl=en	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1116		Google, "Protecting your privacy online," The Privacy Sandbox, available at https //perma.cc/C2TM-927B	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1117		Google, Analytics Help Center "User-ID limits," available at https //perma.cc/V6BT-9A8X	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1118		Google, Ad Manager Help Center, "About privacy & messaging," available at https //support.google.com/admanager/answer/10075997?hl=en	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		

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DX	1119		Scott Herman, "Measure conversions while respecting user consent choices," Google Marketing Platform, Sept. 3, 2020, available at https //blog.google/products/marketingplatform/360 /measureconversions-while-respecting-user-consent-choices/	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1120		Google, Analytics Developer Guide, "Manage user privacy," available at https //perma.cc/PVW7-EBB2	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1121		Google Chrome The Keyword Blog Post by AbdelKarim Mardini "More intuitive privacy and security controls in Chrome," May 19, 2020, available at https //blog.google/products/chrome/more-intuitive-privacy-and-security-controls-chrome/	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1122		Google, Analytics Help Center, "Best Practices to Avoid Sending Personally Identifiable Information (PII)," 2021, available at https //perma.cc/L7LG-CG7W	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1123		Google, "Platforms Program Policies," available at https //perma.cc/7D86-XR54	Berntson	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1124		Google, Analytics Help Center, "Policy Against Fingerprints and Locally Shared Objects," 2022, available at https //perma.cc/V44X-GEZK	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1125	GOOG-CABR-04067873	New Account Creation Screen (May 2020)	Fair	Admission			None		
DX	1126	GOOG-CABR-04067875	New Account Creation Screen More Options (Sept. 2019)	Fair	Admission			None		
DX	1127	GOOG-BRWN-00708085	Plaintiff Jeremy Davis Consent Record	Fair	Admission			Relevance; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1128	GOOG-BRWN-00708167	Plaintiff Jeremy Davis New Account Creation Text	Fair	Admission			Relevance; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1129	GOOG-BRWN-00708058	Plaintiff Chasom Brown Consent Record	Fair	Admission			Relevance; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1130	GOOG-BRWN-00708165	Plaintiff Chasom Brown New Account Creation Text	Fair	Admission			Relevance; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1131		Drudge Report Website Cookie Policy, available at https //www.drudgereport.com/privacy/cookie-policy/	Castillo/Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1132		Boies Schiller Flexner LLP Privacy and Cookie Policy, available at https //www.bsfllp.com/privacy-policy.html	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Subject to anticipated MIL		
DX	1133		Morgan & Morgan Privacy Policy, available at https //www.forthepeople.com/privacy-policy/	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Subject to anticipated MIL		
DX	1134		Firefox, "Common Myths about Private Browsing," available at https //support.mozilla.org/en-US/kb/common-myths-about-private-browsing?as=u&utm_source=inproduct	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1135		Microsoft, "Microsoft Edge, browsing data, and privacy," available at https //support.microsoft.com/en-us/windows/microsoft-edgebrowsing-data-and-privacy-bb8174ba-9d73-dcf2-9b4a-c582b4e640dd	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1136		Microsoft, "Browse InPrivate in Microsoft Edge," available at https //support.microsoft.com/en-us/microsoft-edge/browse-inprivate-in-microsoft-edgecd2c9a48-0bc4-b98e-5e46-ac40c84e27e2	Fair	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1137	GOOG-CABR-00007657	Google, Analytics Help Center, "Limits of User-ID views & Cross Device reports," available at https //support.google.com/analytics/answer/32231 94?hl=en#zippy=%2Cin-this-article	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		

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DX	1138	GOOG-CABR-00008365	Google, Analytics Help Center, "User ID Limits," available at https //support.google.com/analytics/answer/3123668	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1139	GOOG-CABR-00006041	Google, Analytics Help Center, "About the User-ID feature," available at https //support.google.com/analytics/answer/3123662	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1140	GOOG-CABR-00004459	Google, Analytics Help Center, "[GA4] Policy Requirements for Google Analytics Advertising Features," available at https //support.google.com/analytics/answer/2700409	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1141	GOOG-CABR-00894408	Google, Marketing Platform, "Google Analytics Terms of Service," available at https //marketingplatform.google.com/about/analytics/terms/us/, last updated May 15, 2023	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1142	GOOG-CABR-00004757	Google, Analytics Help Center, "Privacy Controls in Google Analytics," available at https //support.google.com/analytics/answer/9019185#zippy=%2Cin-this-article	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1143	GOOG-CABR-05558144	Google, Analytics Developers, "User Opt-Out," available at https //developers.google.com/analytics/devguides/collection/analyticsjs/user-opt-out	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1144	GOOG-CABR-00005790	Google, Analytics Help Center, "IP Anonymization (or IP masking) in Analytics," accessed 2020.	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1145	GOOG-CABR-00055916	Google, Analytics Developers, "Analytics.js Field Reference," available at https //developers.google.com/analytics/devguides/collection/analyticsjs/field-reference#anonymizeIp	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1146	GOOG-CABR-00073994	Google, Analytics Developers, "Cookies and User Identification," available at https //developers.google.com/analytics/devguides/collection/analyticsjs/cookies-user-id#disabling_cookies	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1147	GOOG-CABR-00002870	Google, Analytics Help Center, "About Advertising Features," available at https //support.google.com/analytics/answer/3450482	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1148	GOOG-CABR-00005544	Google, Analytics Help Center, "Enable Remarketing and Advertising Reporting Features in Analytics," available at https //support.google.com/analytics/answer/2444872	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1149	GOOG-CABR-00007709	Google, Analytics Help Center, "[GA4] Advanced Settings to Allow for Ads Personalization," available at https //support.google.com/analytics/answer/9626162	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1150	GOOG-CABR-00007815	Google, Analytics Help Center, "Safeguarding Your Data," available at https //support.google.com/analytics/answer/6004245#zippy=%2Cadvertising-personalization	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous).		
DX	1151	GOOG-CABR-00051336	Google Analytics Opt-out Browser Add-on, available at https //tools.google.com/dlpage/gaoptout	Ganem	Admission			Relevance; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1152	GOOG-CABR-00073998	Google Chrome Web Store, Google Analytics Opt-out Add-on, available at https //chrome.google.com/webstore/detail/google-analytics-opt-out/fllaojicojecljbmefodhfapmkghcbnh?hl=en	Ganem	Admission			Relevance; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1153	GOOG-CABR-00011290	Google, Analytics Help Center, "Google Analytics Opt-out Browser Add-on," available at https //support.google.com/analytics/answer/181881	Ganem	Admission			Relevance; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1154		Google, Analytics Developer, "Advertising Features," available at https //developers.google.com/analytics/devguides/collection/analyticsjs/display-features#disable-advertising-features	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1155		Google, Analytics Help Center, "IP Masking in Universal Analytics," available at https //support.google.com/analytics/answer/2763052	Ganem	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); Not produced		
DX	1156		"Google Chrome s Incognito Mode is Way Less Private Than You Think," July 20, 2019, Wired, available at https //perma.cc/2HGJ-GWHN.	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Foundation; Hearsay; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		

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DX	1157		"The Best Privacy Online," Brave, available at https //perma.cc/TC6U-EHCJ	Amir, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1158		"A Study on Private Browsing Consumer Usage, Knowledge, and Thoughts," Jan., 2017, DuckDuckGo, available at https //perma.cc/7UNX-Q8SQ	Amir, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1159		Clarke, Laurie, "Google Chrome s Incognito Mode is Way Less Private Than You Think," July 20, 2019, Wired, available at https //perma.cc/2HGJ-GWHN	Amir, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1160		"Understanding how people use private browsing," Elie blog, published July 2017, available at https //perma.cc/8E7L-FLZ8	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1161		"Ask the Decoder How private is private browsing, really?" Al Jazeera America, Sept. 24, 2014, available at https //perma.cc/88KC-BHDK	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1162		"Google s incognito mode isn t as private as you thought," The Sun, Aug. 22, 2018, available at https //perma.cc/UWU4-MHHE	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1163		"Gannett Privacy Policy," USA Today, available at https //cm.usatoday.com/privacy	Strombom	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1164		Mozilla, Support Center, "Common Myths about Private Browsing," available at https //support.mozilla.org/en-US/kb/common-myths-about-privatebrowsing?as=u&utm_source=inproduct	Zervas, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1165		Apple, Support Center, "cookies and website data," available at https //support.apple.com/guide/safari/aside/glos0126d795/15.1/mac/12.0	Zervas, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1166		Insider Inc., "Cookies Policy," Sept. 4, 2019, available at https //perma.cc/MH9H-5V3Z	Zervas, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1167		Mozilla, Support Center, "Does firefox prevent sites and javascript code from accessing existing cookies and web sites data when browsing in Private Browsing mode?" Feb. 24, 2019, available at https //support.mozilla.org/en-US/questions/1251227	Zervas, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1168		NordVPN, "Download NordVPN app for Windows PC,"available at https //nordvpn.com/download/windows/	Zervas, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		

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DX	1169		Mozilla, "Incognito browser What it really means," available at https //www.mozilla.org/en-US/firefox/browsers/incognito-browser/	Zervas, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1170		Cranor, Lorrie & Habib, Hana, "Private browsing What it does - and doesn t do - to shield you from prying eyes on the web," The Conversation, July 30, 2020, available at https //theconversation.com/private-browsing-what-it-does-and-doesnt-do-to-shield-youfrom-prying-eyes-on-the-web-142445	Zervas, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1171		Schneier, Bruce, "Data and Goliath The Hidden Battles to Collect Your Data and Control Your World," W.W. Norton & Company, 2015	Zervas, Schneier, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL		
DX	1172		Is Chrome's Incognito Really Private? 4 Things About It (Guiding Tech)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		
DX	1173		These Are all Good Reasons to Use Incognito Mode (Bustle)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		
DX	1174		Tracking in 'Incognito' or Private Browsing Mode? (Spread Privacy)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		
DX	1175		You are not very incognito in incognito mode (Computerworld)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		
DX	1176		How Private Browsing Works, and Why It Doesn t Offer Complete Privacy (How to Geek)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		
DX	1177		What Chrome's Incognito Mode Is Actually For, Explained By a Google Exec (Thrillist)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		
DX	1178		Explained What Does Google Chrome's Incognito Mode Actually Mean? (Trusted Reviews)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		
DX	1179		If You Use Incognito Mode, You Should Read This (The Independent)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		

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DX	1180		Google Chrome's Incognito Mode Isn't That Incognito (The HuffPost)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		
DX	1181		What Your Web Browser's Incognito Mode Really Does (Consumer Reports)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		
DX	1182		Does Google Chrome Have Its Own VPN? (Tech Radar)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		
DX	1183		Incognito Mode Won t Keep Your Browsing Private. Do This Instead (Fast Company)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		
DX	1184		Google Chrome Incognito Mode Isn t As Private As You Think It Is, Here s What You Should Be Doing (Indy 100)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		
DX	1185		Sorry, But Google Chrome Incognito Isn't As Private As You Think (Cosmopolitan UK)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		
DX	1186		How to Fight the Spies in Your Chrome Browser (The Washington Post;The Birmingham News; Huntsville Times; Press-Register; The Plain Dealer)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		
DX	1187		No, Incognito Mode Won't Keep Your Porn Habits Private. This Will. (Mashable)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		
DX	1188		Incognito Mode Are You Really Incognito? (US Cyber Security Magazine)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		
DX	1189		Private Browsing Won't Protect You From Everything (PCMag)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		
DX	1190		Google Chrome Privacy Can You Trust the Incognito Window?; Don't Trust Google Chrome's Incognito Mode (TechTalks; TheNextWeb)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		

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DX	1191		Google Calls It Private Browsing. Oh, No It Isn't (Inc.)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		
DX	1192		Incognito Mode May Not Work the Way You Think It Does (Wired)	Strombom, Brown, Byatt, Castillo, Davis, Trujillo	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403 (post-dates lawsuit); 403, 704 (invades province of the trier of fact); not produced during discovery; subject to anticipated MIL.		
DX	1193		Complaint in Brown, et al. v. Google, 20-cv-3664 Dkt. 1	Brown, Byatt, Castillo, Davis, Trujillo	Admission			Hearsay; 403		
DX	1194		First Amended Complaint in Brown, et al. v. Google, 20-cv-3664 Dkt. 68	Brown, Byatt, Castillo, Davis, Trujillo	Admission			Hearsay; 403		
DX	1195		Second Amended Complaint in Brown, et al. v. Google, 20-cv-3664 Dkt. 136-1	Brown, Byatt, Castillo, Davis, Trujillo	Admission			Hearsay; 403		
DX	1196		Third Amended Complaint in Brown, et al. v. Google, 20-cv-3664 Dkt. 395-2	Brown, Byatt, Castillo, Davis, Trujillo	Admission			Hearsay; 403		
DX	1197		Fourth Amended Complaint in Brown, et al. v. Google, 20-cv-3664 Dkt. 886	Brown, Byatt, Castillo, Davis, Trujillo	Admission			Hearsay; 403		
DX	1198		Schneier, Bruce; "Click Here to Kill Everybody," W.W. Norton & Company, September, 2018.	Schneier	Admission			Relevance; Hearsay; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL		
DX	1199		"Google Chrome Privacy Issues Prompts Plea to Google Execs," CMP TechWeb, Nov. 4, 2008, available at https //perma.cc/HJ3T-Z8ER	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1200		"Google Screenwise panel will pay you to track your every move online," Engadget, dated February 8, 2012, available at https //perma.cc/D27D-X5CC	Strombom	Identification			None		
DX	1201		"Google Will Pay You For Tracking Your Every Move," Tom's Guide, dated February 14, 2012, available at https //perma.cc/XMX4-XYHU	Strombom	Identification			None		
DX	1202	GOOG-BRWN-00526782	PricewaterhouseCoopers LLP, "Independent Assessor's Report on Google's Privacy Program" for the Period April 26, 2012 to April 25, 2014, dated June 23, 2014	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1203	GOOG-CABR-04750983	Google, Internal Presentation, ██████ — Google Leads Review" Dated February 29, 2016	Psounis	Identification			Relevance; Foundation; 403 (Narnia discovery previously claimed as privileged); 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous)		
DX	1204	GOOG-CABR-00422093	Google, Internal Presentation, "Google Brand Studio - Today's User on Privacy, Ads, and Consent," by Shepherd Pittman, dated Spring 2016	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1205	GOOG-CABR-05468204	Google, Internal Presentation, "Privacy & security strategies for combating intimate partner abuse Stories from survivors" dated April 2016	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1206	GOOG-CABR-03627280	Email from Jason Spero to pstaff@google.com - Subject ACM Weekly Summary 6/10, dated June 13, 2016	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1207	GOOG-BRWN-00468598	Biennial Assessment Report for the Period April 26, 2014 through April 25, 2016, by Promontory Financial Group LLC, dated Jun. 24, 2016	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1208	GOOG-CABR-04715843	Google, Internal Presentation Google ████ ██████████, by Chris Liao, dated Apr. 19, 2016	Psounis	Identification			Foundation; 403 (subject of preclusionary sanctions (Dkt. 588)).		
DX	1209	GOOG-CABR-04716372	Google, Internal Document DRX P-Logs Design, Last Updated November 07, 2016	Psounis	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		

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DX	1210	GOOG-CABR-05321478	Google, Internal Document, "Counting VTCs in Conversions," last edited Feb. 13, 2017, available at go/vtcs-in-conversions-prd	Strombom	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1211	GOOG-BRWN-00426550	Google, Internal Memo, "Analytics Collection + ▓▓▓▓," by Avi Mehta, btownsend@, and timofeev@, last updated Jul. 14, 2017	Psounis	Identification			Relevance; Foundation; 403 (Narnia discovery previously claimed as privileged); 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous)		
DX	1212		"Brave Browser Offers to Boost Your Online Search Privacy," CNET, Dec. 14, 2017, available at https //perma.cc/AM7Y-QTN5	Strombom	Identification			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1213	GOOG-BRWN-00480203	Google, Internal Presentation, ▓▓▓▓ Google Staples," 26th Edition, dated Apr. 2018	Strombom	Identification			None		
DX	1214	GOOG-CABR-00790093	Email from Matt Welsh to Lakshmi Kumar Dabbiru Subject Re [uma-users] Re Large number of one-day-only UMA client IDs, dated June 8, 2018	Strombom	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1215	GOOG-BRWN-00041778	Ernst & Young LLP, Independent Assessor's Transmittal Letter on Google LLC's Privacy Program for the Period of April 26, 2016 to April 25, 2018 with Report of Independent Accountants, dated Jun. 25, 2018	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1216	GOOG-BRWN-00147709	Google, Internal Presentation, "B6P Trust Check-In," dated Jan. 24	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1217	GOOG-CABR-00086797	Google, "Ads Privacy Noogler," last edited Feb. 7, 2019	Psounis	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1218	GOOG-CABR-X-00000512	Google, Internal Document, "Internal Knowledge Base - Common Questions, Procedures, Tools and Case Management regarding Screenwise Panel," last updated April 4, 2019	Strombom	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1219		World Wide Web Consortium "W3C TAG Observations on Private Browsing Modes," available at https //www.w3.org/2001/tag/doc/private-browsing-modes/	Psounis	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1220	GOOG-CABR-00058751	Google, Internal Memo, "1p Identifier Type Design" Last updated August 19, 2019	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1221	GOOG-CABR-03841628	Google, Internal Memo, "Offline ▓▓▓▓ Consent Lookup and Privacy Decision Library," last updated Sept. 12, 2019	Psounis	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1222	GOOG-CABR-03731716	Google, Internal Document, "The Impact of ITP/ETP to AM Publishers," by hjun@ and davidgoodman@, last updated Dec. 31, 2019	Strombom	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1223	GOOG-BRWN-00200355	Google, Internal Presentation, ▓▓▓▓," dated Feb. 2020	Psounis	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1224	GOOG-BRWN-00617282	Email from Sammit Adhya to Micha Segeritz - Subject Fwd Incognito Usage Rate Comparison, dated Feb. 4, 2020	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1225	GOOG-BRWN-00477546	Google, Internal Presentation, "Incognito mode Awareness and Landscape," by @sthamilton and Ellen Kim, dated March 2020	Amir	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		

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DX	1226	GOOG-CABR-04721001	Google, Internal Document, "Instantiate PrivacyInfo from Log" Last Updated March 02, 2020	Psounis	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1227	GOOG-CABR-00101695	Google, Internal Memo, "Analytics Collection + ▇▇▇▇" Last updated July 14, 2017	Psounis	Identification			Relevance; Foundation; 403 (Narnia discovery previously claimed as privileged); 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous)		
DX	1228		World Wide Web Consortium "W3C TAG Observations on Private Browsing Modes," available at https //w3ctag.github.io/private-browsing-modes/#features-supporting-private-browsing	Psounis	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1229	GOOG-CABR-03709454	Google, Internal Document, "Neutrino History and Thoughts," by Benj Azose, dated Apr. 15, 2020	Strombom	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1230	GOOG-BRWN-00468530	Independent Assessor's Transmittal Letter on Google LLC's Privacy Program for the Period of April 26, 2018 to April 25, 2020 with Report of Independent Accountants, by Ernst & Young LLP, dated Jun. 24, 2020	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1231	GOOG-BRWN-00847297	Google, Internal Document, ▇▇▇▇ Experiment 3-Pager," authored by Bert Leung, last updated May 11, 2020, available at go ▇▇▇▇ -exp	Psounis	Identification			Foundation; 403 (subject of preclusionary sanctions (Dkt. 588)).		
DX	1232	GOOG-CABR-05161563	Google, Internal Presentation, "Ads Privacy Ecosystem Steering (APES)," dated May 11, 2020	Strombom	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1233	GOOG-CABR-05156497	Google, Internal Presentation, "User Perspective," by Gretchen Gelke, Jenn Marlow, Sarah Hammon, and Tal Herman, dated May 12, 2020	Amir	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1234	GOOG-BRWN-00845673	Email from Florian Uunk to Bert Leung, Subject How to Detect Chrome Incognito Mode?, dated May 14, 2020	Psounis	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1235	GOOG-CABR-04766037	Google, Internal Document, "2020 Insights Panel Product Requirements Document," authored by Joe Michiels, last updated May 28, 2020	Strombom	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1236	GOOG-CABR-04604487	Google, Internal Document, "Google Factbase Ads Data Policies and Statements" updated July 2020	Schwartz	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1237	GOOG-CALH-01020091	Google, Internal Presentation, "Google Staples - ▇▇▇▇," 45th edition, dated July 2020, data as of July 26, 2020	Strombom	Identification			None		
DX	1238	GOOG-CABR-04310004	Google, Internal Document, "Global Business Organization Reactive FAQs"	Schwartz	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1239	GOOG-CABR-00057420	Google, Internal Webpage, "Retention - Classifying Product Data," available at go/classify-product-data Last edited November 20, 2020	Psounis	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1240	GOOG-CALH-01020283	Google, Internal Presentation, "Google Staples - ▇▇▇▇," 48th edition, dated December 2020, data as of November 29, 2020	Strombom	Identification			None		
DX	1241	GOOG-CABR-00056264	Google, Internal Webpage Zwieback Overview, last edited Nov. 11, 2019	Psounis	Identification			None		
DX	1242	GOOG-CABR-04696282	Google, Internal Document Ads Cookies Summary - An Overview of Cookies Covered by PWG-Display and How to Treat Them, last updated Dec. 28, 2020	Schwartz	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		

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DX	1243	GOOG-BRWN-00067136	Google, Internal Presentation, "Google Ads Trust Segments," by Amy Yamashiro and Kevin Corti, dated Jan. 2021	Amir	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1244	GOOG-CABR-00063770	Google, Internal Webpage, "Personal Logs," available at go -plogs Last edited January 6, 2021	Psounis	Identification			None		
DX	1245	GOOG-CABR-04400013	Google, Internal Guidelines, "Data Categorization Guidelines" last reviewed 01/07/2021	Schwartz	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1246	GOOG-CABR-04717111	Google, Internal Presentation, "Life of a Cookie / Ads Identifier"	Psounis	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1247		"Mobile vs. Desktop Usage in 2020," Perficient, dated March 23, 2021, available at https //perma.cc/Z5ZF-839C	Strombom	Identification			None		
DX	1248	GOOG-CABR-00086881	Google, Internal Webpage, "Fantastic Identifiers and Where to Find Them" Last edited May 7, 2021	Psounis	Identification			None		
DX	1249	GOOG-BRWN-00683201	Google, Internal Presentation, "UXR Trust Review," by @adinhopl, Gretchen Gelke, Lauren Palmer, and Sarah Hammond, dated Aug. 3, 2021	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1250		Non-Party Mozilla Corporation's Objections and Response to Subpoena to Produce Document, Information or Objects, dated 8/7/2021	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403 (no knowledgeable person to explain or be subject to cross examination); 403 (Google still collects, saves, and uses data regardless of non-party's practice); 403 (Firefox private browsing not at issue in this litigation)		
DX	1251		Third-Party Respondent Microsoft Corporation's Objections and Responses to Plaintiffs' Subpoena, dated 8/27/2021	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403 (no knowledgeable person to explain or be subject to cross examination); 403 (Google still collects, saves, and uses data regardless of non-party's practice)		
DX	1252		Letter from Sean Pinner, Apple Inc., to Ryan J. McGee, Morgan & Morgan, dated 9/20/2021	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403 (no knowledgeable person to explain or be subject to cross examination); 403 (Google still collects, saves, and uses data regardless of non-party's practice)		
DX	1253		"Gross Domestic Product, Fourth Quarter and Year 2021 (Second Estimate)," Bureau of Economic Analysis, Feb. 24, 2022, available at https //perma.cc/2SYV-EUYM	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403 (no knowledgeable person to explain or be subject to cross examination); 403 (Google still collects, saves, and uses data regardless of non-party's practice)		
DX	1254		"Number of active Gmail users worldwide from Jan. 2012 to Oct. 2018," Statista, published April 28, 2022, available at https //perma.cc/GH8X-S6DJ	Strombom	Identification			None		
DX	1255	GOOG-CABR-03630076	Google, Internal Document, "Ads UI, Formats, and Creatives Strategy"	Strombom	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1256	GOOG-CABR-X-00000418	Google, Internal Document, "IPSOS Incentive Structure History"	Strombom	Identification			None		
DX	1257	GOOG-CABR-X-00000466	Google, Internal Document, "Screenwise Panel Spreadsheet showing descriptions and data types"	Strombom	Identification			None		
DX	1258		Pauzer, Holly, "71% of Consumers Prefer Personalized Ads," Adlucent, available at https://www.adlucent.com/resources/blog/71-of-consumers-prefer-personalized-ads/	Amir	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		

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DX	1259		Acquisti, Alessandro and Jens Grossklags, "Privacy and Rationality in Individual Decision Making," IEEE Security & Privacy, Vol. 3, No. 1, 2005	Amir	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1260		"Tip 6. Use Caution With Readability Formulas for Quality Reports," May 2015, Agency for Healthcare Research and Quality, available at https //perma.cc/TM5Q-3MBJ	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1261		Amsteus, Martin, et al., "Colors in Marketing A Study of Color Association and Context (in) Dependence," International Journal of Business and Social Science, Vol. 6, No. 3, Mar. 2015	Amir	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1262		Sheng, Hong, et al., "An Experimental Study on Ubiquitous Commerce Adoption Impact of Personalization and Privacy Concerns," Journal of the Association for Information Systems, 2008	Amir	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1263		Athey, Susan, et al., "The Digital Privacy Paradox Small Money, Small Costs, Small Talk," NBER Working Paper Series, 2017	Amir	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1264		Bagchi, Rajesh and Amar Cheema, "The Effect of Red Background Color on Willingness-to-Pay The Moderating Role of Selling Mechanism," Journal of Consumer Research, Vol. 35, No. 5, Feb. 2013	Amir	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1265		Bahrainizad, Manijeh and Azadeh Rajabi, "Consumers Perception of Usability of Product Packaging and Impulse Buying Considering Consumers Mood and Time Pressure as Moderating Variables," Journal of Islamic Marketing, Vol. 9, No. 2, 2018	Amir	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1266		Ben-Shahar, Omri and Lior J. Strahilevitz, "Interpreting Contracts Via Surveys and Experiments," New York University Law Review, Vol. 92, 2017	Amir	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1267		Brandimarte, Laura, et al., "Misplaced Confidences Privacy and the Control Paradox," Social Psychological and Personality Science, Vol. 4, No. 3, 2012	Amir	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1268		Braun, Kathryn A., et al., "Make My Memory How Advertising Can Change Our Memories of the Past," Psychology & Marketing, Vol. 19, No. 1, 2002	Amir	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1269		"Browser Market Share United States of America, 2016-2022," StatCounter, accessed March 18, 2022, available at https //perma.cc/K3WT-VFQM	Amir	Identification			None		
DX	1270		Browser Market Share United States of America, 2009-2022," StatCounter, accessed Aug. 15, 2023, available at https //gs.statcounter.com/browser-market-share/all/united-states-of-america/#yearly-2009-2022	Amir	Identification			None		
DX	1271		"Browser Market Share Worldwide," StatCounter, accessed March 18, 2022, available at https //gs.statcounter.com/browser-marketshare# yearly-2009-2022	Amir	Identification			None		
DX	1272		Muchmore, Michael, "Chrome, Edge, Firefox, Opera, or Safari Which Browser is Best?" May 20, 2021, PCMag, available at https://www.pcmag.com/picks/chrome-edge-firefox-opera-or-safari-which-browser-is-best	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1273		Oppmann, Patrick, "In Digital World, We Trade Privacy for Convenience," Apr. 14, 2010, CNN, available at http //www.cnn.com/2010/TECH/04/14/oppmann.o ff.the.grid/index.html	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		

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DX	1274		Crowley, Aye E., "The Two-Dimensional Impact of Color on Shopping," Marketing Letters, 1993	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1275		"Desktop Browser Market Share United States of America, 2016-2022," StatCounter, available at https //gs.statcounter.com/browser-market-share/desktop/united-states-of-america/#yearly-2016-2022	Amir	Identification			None		
DX	1276		"Desktop Browser Market Share Worldwide, 2009-2022," StatCounter, available at https //gs.statcounter.com/browser-market-share/desktop/worldwide/#yearly-2009-2022	Amir	Identification			None		
DX	1277		"Desktop Operating System Market Share Worldwide, 2009-2022," StatCounter, available at https //gs.statcounter.com/os-market-share/desktop/worldwide/#yearly-2009-2022	Amir	Identification			None		
DX	1278		Egelman, Serge, et al., "Timing is Everything? The Effects of Timing and Placement of Online Privacy Indicators," Proceedings of the SIGCHI Conference on Human Factors in Computing Systems, 2009	Amir	Identification			Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1279		Manual for Complex Litigation, Fourth Edition, Federal Judicial Center, 2004	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1280		Sullivan, Gail M, and Anthony R. Artino Jr., "How to Create a Bad Survey Instrument," Journal of Graduate Medical Education, Vol. 9, No. 4, 2017	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1281		Klein, Matt, "How to Enable Private Browsing on Any Web Browser," July 5, 2017, How-To Geek, available at https //www.howtogeek.com/269265/how-to-enable-private-browsing-on-any-webbrowser/# ~ text=To%20open%20a%20new%20InPrivate,return%20to%20regular%20browsing%20mode	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1282		C., Suresh, "How to Start Secret Mode and Add New Tab in Samsung Internet?," Mar. 17, 2022, BrowserHow, available at https //browserhow.com/how-to-start-secret-mode-and-add-newtab-in-samsung-internet/	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1283		Consumers Driving the Digital Uptake - The Economic Value of Online Advertising-based Services for Consumers," IAB Europe, Sept. 2010, available at https //perma.cc/49BE-CT4P	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1284		Smith, Jeff H., et al., "Information Privacy Measuring Individuals Concerns About Organizational Practices," Management Information Systems Research Center of the University of Minnesota, 1996	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1285		Tversky, Amos and Daniel Kahneman, "Judgment under Uncertainty Heuristics and Biases," Science, Vol. 185, No. 4157, 1974	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1286		Khan, Romana, et al., "Dynamic Customer Management and the Value of One-to-One Marketing," Marketing Science, Vol. 28, No. 6, 2009	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1287		Kimes, Sheyrl E., "How Product Quality Drives Profitability The Experience at Holiday Inn," Cornell Hotel and Restaurant Administration Quarterly, Vol. 42, No. 3, 2001	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1288		Kjellson, Gustav, et al., "Forgetting to Remember or Remembering to Forget A Study of the Recall Period Length in Health Care Survey Questions," Journal of Health Economics, Vol. 35, 2014	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1289		Kotler, Philip and Gary Armstrong, Principles of Marketing, Seventeenth Edition, Pearson, 2018	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		

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DX	1290		Kotler, Philip and Kevin L. Keller, Marketing Management, Fifteenth Edition, Pearson, 2016	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1291		Krosnick, J.A. and Stanley Presser. "Question and Questionnaire Design," in Handbook of Survey Research, J.D. Wright and P.V. Marsden, Second Edition, 2010, Elsevier	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1292		Kumaraguru, Ponnurangam and Lorrie. F. Cranor, "Privacy Indexes A Survey of Westin s Studies," Carnegie Mellon University, School of Computer Science, Institute for Software Research International, 2005	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1293		Last, John M., A Dictionary of Epidemiology, Fourth Edition, 2001, Oxford University Press	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1294		Lau, Josephine, et al., "Alexa, Are You Listening? Privacy Perceptions, Concerns and Privacyseeking Behaviors with Smart Speakers," Proceedings of the ACM on Human-Computer Interaction, Vol. 2, Issue CSCW, 2018	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1295		Lavrakas, Paul J., Encyclopedia of Survey Research Methods, SAGE Publications, Inc., 2008	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1296		"2021 Consumer Experience Sentiment Report," 2021, Merkle, available at https //perma.cc/3CN5-XQ8G	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1297		"Mobile Browser Market Share United States of America, 2016-2022," StatCounter, accessed August 15, 2023, available at https //gs.statcounter.com/browser-market-share/mobile/united-states-of-america/#yearly-2016-2022	Amir	Identification			None		
DX	1298		Morales, Andrea C., et al., "Keeping it Real in Experimental Research —Understanding When, Where, and How to Enhance Realism and Measure Consumer Behavior," Journal of Consumer Research, Vol. 44, No. 2, 2017	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1299		Morando, Federico, et al., "Privacy Evaluation What Empirical Research on Users Valuation of Personal Data Tells Us," Internet Policy Review, Vol. 3, No. 2, 2014	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1300		Nisbett, Richard E. and Timothy Wilson, "Telling More than We Can Know Verbal Reports on Mental Processes," Psychological Review, Vol. 84, No. 3, 1977	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1301		Krosnick, J.A. and Stanley Presser, "Question and Questionnaire Design," in Handbook of Survey Research, J.D. Wright and P.V. Marsden, Second Edition, 2010	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1302		Raine, Lee and Maeve Duggan, "Privacy and Information Sharing," Jan. 14, 2016, Pew Research Center, available at https //perma.cc/MEG2-UVUY	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1303		Spencer E.A., et al., "Recall Bias," 2017, Catalogue of Bias, available at https //perma.cc/VUE6-2FJU	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1304		Bearden, William O. and Michael J. Etzel, "Reference Group Influence on Product and Brand Purchase Decisions," Journal of Consumer Research, 1982	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		

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DX	1305		Sawyer, A.G., "Demand Artifacts in Laboratory Experiments in Consumer Research," Journal of Consumer Research, Vol. 1, No. 4, Mar. 1975	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1306		"Is Tor Browser Safe?" Secure Thoughts, available at https //perma.cc/44T7-SU2Y	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1307		Sliburyte, Laimona and Ilona Skeryte, "What We Know about Consumers Color Perception," Procedia - Social and Behavioral Sciences, 2014	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1308		Tan, Seref, "Misuses of KR-20 and Cronbach s Alpha Reliability Coefficients," Education and Science, Vol. 34, No. 152, 2009	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1309		"10 Things We Know to Be True," Google, available at https //perma.cc/2ATA-372V	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1310		Thomadsen, Raphael, et al., "How Context Affects Choice," Customer Needs and Solutions, 5(1-2), 2018	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1311		"Protect Yourself Against Tracking, Surveillance, and Censorship," Tor Browser, available at https //perma.cc/9ZM2-NHFU	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1312		Tucker, Catherine E., "Social Networks, Personalized Advertising, and Privacy Controls," Journal of Marketing Research, Vol. LI, 2014	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1313		Godden-Payne, Craig, "How Google s Homepage Has Changed Over the Last 20 Years," Mar. 14, 2020, UX Collective, available at https //perma.cc/7RFV-BEPK	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1314		Jarret, Caroline and Janice Redish, "Readability Formulas 7 Reasons to Avoid Them and What to Do Instead," July 29, 2019, UXmatters, available at https //perma.cc/FU9A-JV9L	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1315		Velasco, Carlos, et al., "The Context of Colour-Flavour Associations in Crisps Packaging A Cross-Cultural Study Comparing Chinese, Colombian, and British Consumers", Food Quality and Preference, 2014	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1316		Pilon, Anne, "Web Browser Survey Firefox Still Ahead of Chrome," Jan. 6, 2012, AYTM, available at https //aytm.com/blog/web-browser-survey/	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1317		Grosso, Monica, et al., "What Information Do Shoppers Share? The Effect of Personnel-, Retailer, and Country-Trust on Willingness to Share Information," Journal of Retailing, 2020	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1318		Wu, Jinnan, et al., "Effect of Online Product Presentation on the Purchase Intention of Wearable Devices The Role of Mental Imagery and Individualism-Collectivism," Frontiers in Psychology, 2020	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1319		DeVellis, Robert F., and Carolyn T. Thorpe, "Scale Reliability" in Scale Development Theory and Applications, 5th Edition, 2021, Sage Publications	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		

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DX	1320		National Research Council, "Cognitive Aspects of Survey Methodology Building a Bridge Between Disciplines," Washington, DC The National Academies Press, 1984	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1321		Turow, Joseph, et al., "Consumers Understanding of Privacy Rules in the Marketplace," Journal of Consumer Affairs, Vol. 42, No. 3, 2008	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1322		Miller, Jeff, "Online Marketing Research," in The Handbook of Marketing Research, Grover, Rajiv and Marco Vriens, eds., Sage Publications, 2006	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1323		Malhotra, Naresh K., "Questionnaire Design and Scale Development," in The Handbook of Marketing Research, Grover, Rajiv and Marco Vriens, eds., 2006, Sage Publications	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1324		Lee, Chan J., "The Test Taker s Fallacy How Students Guess Answers on Multiple-Choice Tests," Journal of Behavioral Decision Making, 2018	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1325		Simonson, Itamar and Ran Kivetz, "Demand Effects in Likelihood of Confusion Surveys The Importance of Marketplace Conditions," Trademark and Deceptive Advertising Surveys Law, Science and Design, eds. Shari Seidman Diamond and Jerre B. Swann, American Bar Association, 2012	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1326		Google Ads Help Center, "Why you re seeing an ad," available at https //perma.cc/M4YC-J5QK	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1327		"Kids Counter Data Center," The Anne E. Casey Foundation, updated September 2021, available at https //perma.cc/5SGA-LN6A	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1328		"Number of Active Gmail Users 2022/2023 Statistics, Demographics, & Usage," FinancesOnline, available at https //perma.cc/83ZR-NXB7	Strombom	Identification			None		
DX	1329		"Stretching Device Life; Exploring When Americans Update Their Electronics," Office Depot, available at https //perma.cc/X3TT-Y7YY	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1330		"USA Today Latest World and USNews – USATODAY.com," available at https //perma.cc/ZZ72-T3P6	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1331		A. Abbott, "Measures of Discount for Lack of Marketability and Liquidity," The Valuation Handbook, Wiley, 2010, pp. 474–507 at p. 474	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1332		Alphabet Inc., SEC Forms 10-K for the periods ended Dec. 31, 2016 - 2021	Strombom	Identification			None		
DX	1333		Alphabet, Inc., SEC Form 10-K for the period ended Dec. 31, 2017	Strombom	Identification			None		
DX	1334		Alphabet, Inc., SEC Form 10-K for the period ended Dec. 31, 2020, p. 38	Strombom	Identification			None		
DX	1335		"Apple and Privacy," Apple Insider, available at https //perma.cc/95B9-4KXC	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1336		U.S. Bureau of Labor Statistics, Occupational Employment and Wage Statistics, May 2020 data, available at https //perma.cc/H9G2-XGZ3	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		

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DX	1337		"Privacy Is Becoming a Premium Service," Slate, Mar. 31, 2015, available at https //perma.cc/Z9ME-W6X7	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1338		"People Don t Want to Trade Privacy for Targeted Ads," Poynter, Jan. 14, 2016, available at https //perma.cc/D4RN-5Y3H	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1339		"AT&T to halt gathering customers' web-browsing data, stop charging for an opt-out," The Business Journals, Oct 3, 2016, available at https //perma.cc/2Z6M-2PGJ	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1340		Google Ads & Commerce Blog, "Get more powerful bid automation with new AdWords Smart Bidding," July 25, 2016, available at https //blog.google/products/ads/more-powerful-bid-automation-with-smart-bidding/	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1341		Google, Ads Help Center, "Automated bid strategy Definition," available at https //perma.cc/ZZ2S-34M6	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1342		Google Inside AdWords Blog, "Target CPA Bidding A new way to meet your ROI goals with Conversion Optimizer," May 3, 2010, available at https //perma.cc/H7FX-N3C5	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1343		Google Ipsos Screenwise Panel, Google Panel Privacy Policy, available at https //perma.cc/UEG5-239H	Strombom	Identification			None		
DX	1344		Google Ipsos Screenwise Panel, Terms & Conditions, available at https //perma.cc/JPK3-T65S	Strombom	Identification			None		
DX	1345		"Rethinking Retail. Insights from consumers and retailers into an omni-channel shopping experience," Infosys, available at https //perma.cc/8WSQ-VAFA	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1346		Google Ipsos Screenwise Panel, Cookie Policy Pop-Up, available at https //perma.cc/L4MN-35RF	Strombom	Identification			None		
DX	1347		Google, Ipsos Screenwise Panel Privacy Policy, available at https //screenwisepanel.com/ipsos-Sow-privacy-policy	Strombom	Identification			None		
DX	1348		"Google s rocky path to email domination," CNBC, Oct. 26, 2019, available at https //perma.cc/QG2J-GSWB	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1349		"Apple Killed The IDFA. What Else Dies?," Forbes, June 29, 2020, available at https //perma.cc/66CR-6RGB	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1350		Jon Brodkin, "AT&T s Plan to Watch Your Web Browsing--and What You Can Do About It?," ArsTechnica, Mar. 27, 2015, available at https //perma.cc/RCQ9-56G4	Strombom	Identification			None		
DX	1351		Mankiw, N.G. "Principles of Economics," 6th Ed., 2011, pp. 379-380	Strombom	Identification			None		
DX	1352		"Please Take My Data Why Consumers Want More Personalized Marketing," Salesforce, Dec. 2, 2016, available at https //perma.cc/Z2Z9-ZGZN	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1353		Microsoft Support, Microsoft Edge, browsing data, and privacy," available at https //perma.cc/NPA2-N523	Strombom	Identification			None		
DX	1354		"Student Access to Digital Learning Resources Outside the Classroom," National Center for Education Statistics, U.S. Department of Education, Apr. 2018, available at https //perma.cc/9RZE-GTLP	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1355		Nielsen Computer and Mobile Panel, available at https //perma.cc/TEL6-RCK3	Strombom	Identification			None		
DX	1356		"A third of Americans live in a household with three or more smartphones," Pew Research Center, May 25, 2017, available at https //perma.cc/7Q73-Q48U	Strombom	Identification			None		

Prefix	Ex. No.	Begin Bates	Description	Sponsoring Witness	Expert Identification	Stipulation to Admit	Google Objections	Plaintiffs' Objections	Injunction Phase of Trial (Plaintiffs Only)	Date Admitted
DX	1357		"Topline questionnaire," Pew Research Center, available at https //perma.cc/NG6V-GAZV	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1358		Pindyck and Rubinfeld, "Microeconomics," 8th Ed., 2013, pp. 530-533	Strombom	Identification			None		
DX	1359		"Trends in Customer Trust," Research Brief, Salesforce Research, available at https //perma.cc/YJ8U-YT55	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1360		Nielsen Computer & Mobile Panel, "Nielsen U.S. Panel Privacy Notice Summary," available at https //perma.cc/4UE6-ZB9C	Strombom	Identification			None		
DX	1361		"The 2017 State of Personalization Report," Segment, available at https //perma.cc/2456-8EW6	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1362		"How it Works," Survey Savvy, available at https //perma.cc/CDD5-CVWA	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1363		"How can we help you," UpVoice FAQ, available at https //perma.cc/6CLT-NXT7	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1364		Wooldridge, Jeffrey M., Introductory Econometrics A Modern Approach. 5th ed. Mason South-Western Cengate Learning, 2013, pp. 22-26	Strombom	Identification			None		
DX	1365		Amazon Ads, "A beginner s guide to programmatic advertising," Mar. 11, 2021, available at https //advertising.amazon.com/blog/programmatic-advertising	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1366		Internet Society, "About the IETF", available at https //www.internetsociety.org/about-theietf/	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1367		Hochman Consultants, "About Us Helping your business leverage the Internet," available at https //perma.cc/86E7-A39K	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1368		Google, Chrome Web Store, "AdBlock –- best ad blocker," available at https //chrome.google.com/webstore/detail/adblock-%E2%80%94-best-ad-blocker/gighmmpiobklfepjocnamgkkbiglidom?hl=en-US	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1369		AdButler, "AdButler," available at https //www.adbutler.com/	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1370		"Ad-Supported Internet Brings over $1 Trillion to the U.S. Economy, Representing 6 Percent of Country's Total GDP, According to IAB Study Led by Harvard Business School Professor," Interactive Advertising Bureau, Mar. 15, 2017, available at https //perma.cc/G9BS-85MJ	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1371		Adobe Analytics, "Analytics Anywhere in the Customer Journey," available at https //perma.cc/6DYL-5AH4	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1372		PIWIK PRO, "Analyze the customer journey across websites and apps," available at https //perma.cc/7MRA-9CBF	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		

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DX	1373		Axos Bank, "APIs The Proven Tool for Efficient Business Growth," July 1, 2020, available at https://www.axosbank.com/blog/APIs-The-Proven-Tool-for-Efficient-Business-Growth#	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1374		Microsoft Support, "Browse In Private in Microsoft Edge," https://support.microsoft.com/enus/microsoft-edge/browse-inprivate-in-microsoft-edge-cd2c9a48-0bc4-b98e-5e46-ac40c84e27e2	Zervas	Identification			None		
DX	1375		Mixpanel, "Build Better Products," available at https://mixpanel.com/	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1376		Google, Chrome Developer Guide, "Chrome DevTools," available at https://perma.cc/9T24-5L9C	Zervas	Identification			None		
DX	1377		HP Tech Takes, "Computer Cookies What They Are and How They Work," Nov. 26, 2018, available at https://www.hp.com/us-en/shop/tech-takes/what-are-computer-cookies	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1378		Grammarly, "Cookie Policy," Dec. 30, 2019, available at https://perma.cc/V5MQ-G8B9	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1379		Flashtalking, "Cookie Rejection Report 2020," available at https://static1.squarespace.com/static/5c17fee58ab722e19b765b9d/t/5ebb2cad66d47b4c5c9f21a9/1589324990858/Flashtalking_Cookie_Rejection_Report_2020.pdf	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1380		GeeksforGeeks, "cp command in Linux with examples," Feb. 19, 2021, available at https://perma.cc/2TV6-H3DY	Zervas	Identification			None		
DX	1381		World Wide Web Consortium, "Definition of User Agent," June 16, 2011, available at https://perma.cc/5FCX-K45N	Zervas	Identification			None		
DX	1382		The Windows Club, "Disable JavaScript in Chrome, Edge, Firefox, Opera, Internet Explorer on Windows 11/10," available at https://www.thewindowsclub.com/disable-javascriptchrome-ie-firefox-opera	Zervas	Identification			None		
DX	1383		Apple, Developer Forums Thread, "Does Safari Web Extensions include Private Browsing?" available at https://developer.apple.com/forums/thread/650294	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1384		Mozilla, Support Center, "Extensions in Private Browsing," available at https://support.mozilla.org/en-US/kb/extensions-private-browsing	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1385		MediaRadar, "Facebook Advertisers Direct vs Programmatic Buying Trends," May 27, 2021, available at https://mediaradar.com/blog/facebook-advertisers-direct-vs-programmatic/	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1386		Matomo, "Google Analytics alternative that protects your data and your customers privacy," available at https://matomo.org/	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1387		Firefox, Browser Add-Ons, "Google Analytics Blocker," available at https://perma.cc/L3RXX2A6	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1388		iubenda, "Google and TCF 2.0 how to collect consent for personalized ads," available at https://www.iubenda.com/en/help/16041-google-tcf-consent-personalized-ads	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1389		Google, The Keyword Blog Post, "Google Chrome," available at https://perma.cc/5QFA-CBF	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		

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DX	1390		Visa, "Growing your business with APIs," available at https //usa.visa.com/content/dam/VCOM/download/partner-with-us/growingbusiness-api-whitepaper.pdf	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1391		CookieYes, "Guide to Third-party Cookies," Mar. 24, 2022, available at https //www.cookieyes.com/blog/third-party-cookies/	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1392		Mozilla, Support Center, "How do I turn on the Do Not Track feature," available at https //support.mozilla.org/en-US/kb/howdo-i-turn-do-not-track-feature	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1393		GeeksforGeeks, "HTTP headers	User-Agent," Oct. 11, 2019, available at https //perma.cc/QAA8-S428	Zervas	Identification			None		
DX	1394		W3 Schools, "HTTP Request Methods," available at https //www.w3schools.com/tags/ref_httpmethods.asp	Zervas	Identification			None		
DX	1395		IBM, "IPv4 and IPv6 address formats," Mar. 2, 2021, available at https //www.ibm.com/docs/en/ts3500-tape-library?topic=functionality-ipv4-ipv6-addressformats	Zervas	Identification			None		
DX	1396		NAI, "Manage my Browser s Opt Outs," available at https //thenai.org/opt-out/	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1397		OpenX, "OpenX," available at https //www.openx.com/	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1398		Mozilla, "POST," available at https //developer.mozilla.org/en-US/docs/Web/HTTP/Methods/POST	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1399		Accuweather, "Privacy Policy," Aug. 21, 2020, available at https //perma.cc/4NT5-WCHW	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1400		Change.org, "Privacy Policy," Mar. 25, 2022, available at https //perma.cc/G2HG-5AEV	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1401		LinkedIn, "Privacy Policy," Aug. 11, 2020, available at https //perma.cc/2TT8-37Q2	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1402		Privy, "Privacy Policy," Dec. 20, 2019, available at https //perma.cc/A8HS-5M6E	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1403		The Washington Post, "Privacy Policy," Oct. 5, 2021, available at https //perma.cc/5WVW-YRQV	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1404		Mozilla Support Center, "Private Browsing - Use Firefox without saving history," available at https //perma.cc/X9NG-QCB8	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1405		Google, Fiber Help Center "Static vs. dynamic IP addresses," available at https //support.google.com/fiber/answer/3547208?hl=en	Zervas	Identification			None		

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DX	1406		MDN Web Docs "Strategies for carrying out testing," available at https //perma.cc/F5G6-KN2C	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1407		Google, Chrome Web Store "Sybu JavaScript Blocker," available at https //chrome.google.com/webstore/detail/sybu-javascriptblocker/ceicidjdokcfbnkdenbhmnonehglgilk	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1408		At Internet "Tag," available at https //www.atinternet.com/en/glossary/tag-3/	Zervas	Identification			None		
DX	1409		Microsoft Edge, Support Center, "Temporarily allow cookies and site data in Microsoft Edge," available at https //support.microsoft.com/enus/microsoft-edge/temporarily-allow-cookies-and-site-data-in-microsoft-edge-597f04f2-c0ce-f08c-7c2b-541086362bd2	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1410		Hochman Consultants, "The Internet Marketing Process," available at https //perma.cc/Y354-MANZ	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1411		The New York Times "The New York Times Company Reports First-Quarter 2022 Results," May 4, 2022, available at https //perma.cc/QR4R-EHP6	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1412		Wistia "The Video Host with the Most," available at https //perma.cc/BR2B-UZ9W	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1413		Small Business Trends "Three Ways APIs Are Keeping Small Businesses Digitally Competitive," Feb. 10, 2022, available at https //smallbiztrends.com/2022/02/api-and-digital-transformation.html	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1414		Microsoft Edge "Tracking prevention in Microsoft Edge," available at https //docs.microsoft.com/en-us/microsoft-edge/web-platform/trackingprevention	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1415		CDW Research Hub "Types of Network Protocols, Explained," available at https //www.cdw.com/content/cdw/en/articles/networking/types-of-network-protocols.html	Zervas	Identification			None		
DX	1416		Hotjar "Understand how users behave on your site, what they need, and how they feel, fast," available at https //www.hotjar.com/	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1417		World Wide Web Consortium "URIs, Addressability, and the use of HTTP GET and POST," Mar. 21, 2004, available at https //www.w3.org/2001/tag/doc/whenToUseGet.html#checklist	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1418		Apple Support "Use Private Browsing in Safari on Mac," available at https //support.apple.com/guide/safari/browse-privately-ibrw1069/mac	Zervas	Identification			None		
DX	1419		Mozilla MDN Web Doc "Using HTTP cookies," available at https //developer.mozilla.org/en-US/docs/Web/HTTP/Cookies	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1420		World Wide Web Consortium Article "W3C TAG Observations on Private Browsing Modes," July 5, 2019, available at https //perma.cc/5CHW-LNER	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1421		MDN Web Doc "What are browser developer tools?", available at https //perma.cc/SL8Y-WSFP	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		

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DX	1422		Cloudflare "What are cookies	Cookies definition," available at https://www.cloudflare.com/learning/privacy/what-are-cookies/	Zervas	Identification			None		
DX	1423		Amazon, "What is Amazon DSP?", available at https://advertising.amazon.com/solutions/products/amazon-dsp	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1424		Mozilla MDN Web Doc "What is JavaScript?", available at https://developer.mozilla.org/en-US/docs/Learn/JavaScript/First_steps/What_is_JavaScript	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1425		How-To Geek "Which Tracking Prevention Setting Should You Use in Microsoft Edge," Feb. 11, 2020, available at https://www.howtogeek.com/569951/which-trackingprevention-setting-should-you-use-in-microsoft-edge/	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1426		W3 Schools "XML HttpRequest," available at https://www.w3schools.com/xml/xml_http.asp	Zervas	Identification			None		
DX	1427		Mozilla MDN Web Doc "XMLHttpRequest," available at https://developer.mozilla.org/en-US/docs/Web/API/XMLHttpRequest	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1428		Ahmad, Nadim, and Paul Schreyer, "Measuring GDP in a Digitalized Economy," OECD Statistics Working Papers, No. 2016/07, 2016, available at https://perma.cc/GNV6-GHRX	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1429		Bacinger, Tomislav, "What is Bootstrap? A Short Bootstrap Tutorial on the What, Why, and How," TopTotal, available at https://www.toptal.com/front-end/what-is-bootstrap-a-short-tutorial-on-the-what-why-andhow	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1430		Bekh, Alona, "Advertising-based Revenue Model in Digital Media Market," Ekonomski vjesnik/Econviews - Review of Contemporary Business, Entrepreneurship and Economic Issues, Vol. 33, No. 2, 2020, available at https://perma.cc/W7QP-YTPM	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1431		Benton, Joshua, "Your favorite way to get around The New York Times paywall might be about to go away," NiemanLab, Feb. 28, 2019, available at https://perma.cc/F5ED-BV3H	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1432		Benzell, Seth G., Guillermo Lagarda, and Marshall Van Alstyne, "The Impact of APIs on Firm Performance," Boston University Questrom School of Business Research Paper, available at https://perma.cc/5FRY-WTSF	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1433		Berman, Ron, and Ayelet Israeli, "The Value of Descriptive Analytics Evidence from Online Retailers," Harvard Business School, Working Paper 21-067, 2021, available at https://perma.cc/B7JY-V3UX	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1434		Blumenthal, Eli, "Apple updates Safari on iOS to block third-party cookies," CNET, Mar. 25, 2020, available at https://www.cnet.com/tech/computing/apple-updates-safari-on-ios-and-mac-to-block-thirdparty-cookies/	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1435		Bradshaw, Kyle, "Google wants to make it harder for sites to detect that you re using Chrome s Incognito Mode," 9to5Google, Feb. 15, 2019, available at https://perma.cc/QSX5-J6RV	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1436		Brynjolfsson, Erik and Joo Hee Oh, "The Attention Economy Measuring the Value of Free Digital Services on the Internet," Thirty Third International Conference on Information Systems, Orlando 2012, available at https://perma.cc/E2TZ-A6J9	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		

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DX	1437		Peacock, "Choose a Plan," available at https //perma.cc/MLK5-GX59	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1438		Deighton, John, A., and Leora D. Kornfeld, "Economic Value of the Advertising-Supported Internet Ecosystem," Interactive Advertising Bureau, Sept. 2012, available at https //perma.cc/2SS5-CGJK	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1439		Edelstein, Arthur, "Firefox 89 blocks cross-site cookie tracking by default in private browsing," Mozilla Security Blog, Mozilla Corporation, June 1, 2021, available at https //blog.mozilla.org/security/2021/06/01/total-cookie-protection-in-private-browsing/	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1440		Finley, Klint, "I Turned Off JavaScript for a Whole Week and It Was Glorious," Wired, Nov. 18, 2015, available at https //www.wired.com/2015/11/i-turned-off-javascript-fora-whole-week-and-it-was-glorious/	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1441		Garett, Renee et al., "A Literature Review Website Design and User Engagement," Online Journal of Communication and Media Technologies, Vol. 6,3 (2016), available at https //www.ncbi.nlm.nih.gov/pmc/articles/PMC4974011/	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1442		Greenwood, Jeremy et al., "'You Will A Macroeconomic Analysis of Digital Advertising," Economics of Digital Services @ Penn, 2021, available at https //perma.cc/ZX8P-9LC2	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1443		Hodge, Rae, "If You Care About Your Privacy, You Need to Change These Browser Settings Right Now," CNET, Feb. 26, 2022, available at https //www.cnet.com/tech/services-and-software/if-you-care-about-your-privacy-you-needto-change-these-browser-settings-right-now/	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403 (post-dates lawsuit); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1444		Hodge, Rae, Holly, Russell, & David Gewirtz, "Best VPN Service of 2022," CNET, Mar. 26, 2022, available at https //www.cnet.com/tech/services-and-software/best-vpn/	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403 (post-dates lawsuit); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1445		Hoffman, Chris, "What Is NoScript, and Should You Use It to Disable JavaScript?" How-To Geek, Nov. 21, 2017, available at https //www.howtogeek.com/138865/htg-explains-shouldyou-disable-javascript/	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1446		Klym, Natalie and David Clark, "The Future of the Ad-Supported Internet Ecosystem," MIT Internet Policy Research Initiative, 2019, available at https //perma.cc/S6LC-KHPJ	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1447		Kopachovets, Oleg, "3rd Party API [Benefits, Our Experience, How-To]," PRCoders, Oct. 6, 2021, available at https //procoders.tech/blog/how-to-integrate-third-party-api/	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403 (post-dates lawsuit); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1448		Kurose, James F. & Ross, Keith W., "Computer Networking A Top-Down Approach," 8th Edition, Pearson, 2021	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403 (post-dates lawsuit); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1449		Kyrnin, Jennifer, "Splash Pages Pros and Cons," ThoughtCo., Feb. 25, 2021, available at https //www.thoughtco.com/splash-pages-pros-cons-3469116	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403 (post-dates lawsuit); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1450		Nakamura, Leonard, Jon Samuels, and Rachel Soloveichik "Valuing 'Free Media in GDP An Experiment Approach," Federal Reserve Board of Philadelphia Working Paper, No. 16-24, 2016, available at https //perma.cc/4HMJ-7D3R	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1451		Patwegar, Waseem "How to Enable or Disable JavaScript In Chrome Browser," Techbout, available at https //www.techbout.com/enable-disable-javascript-chrome-36943/	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		

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DX	1452		Pearce, Joshua, M., "Energy Conservation with Open Source Ad Blockers," MDPI, Vol. 8, No. 2, 2020, available at https ://perma.cc/USH9-AQ8F	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403 (post-dates lawsuit); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1453		Prime, Joshua, "What is a Dynamic IP Address?" OpenDNS, available at https ://support.opendns.com/hc/enus/articles/22798 7827-What-is-a-Dynamic-IP-Address-	Zervas	Identification			None		
DX	1454		Protalinski, Emil, "Chrome 83 arrives with redesigned security settings, thirdparty cookies blocked in Incognito" VentureBeat, May 19, 2020, available at https ://venturebeat.com/2020/05/19/google-chrome-83/	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1455		Rodden, Kerry et al., "Measuring the User Experience on a Large Scale User-Centered Metrics for Web Applications," ACM Press, Apr. 2010, available at https ://static.googleusercontent.com/media/research.google.com/en//pubs/archive/36299.pdf	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1456		Sabanovic, Edin, "How to Use Google Analytics to Improve Your Web Design Projects," Shopify Partners, Shopify, June 13, 2017, available at https ://perma.cc/QG8Y-JYD8	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1457		TechRadar, "New chrome build will allow you to block all cookies," Mar. 17, 2020, available at https ://www.techradar.com/news/new-chrome-build-will-allow-you-to-block-all-cookies	Zervas	Identification			None		
DX	1458		Small Business Trends, "Three Ways APIs Are Keeping Small Businesses Digitally Competitive," Feb. 10, 2022, available at https ://perma.cc/6W7V-ZR5N	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403 (post-dates lawsuit); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1459		Tidal, Junior R., "Using Web Analytics for Mobile Interface Development," New York City College of Technology, 2013, available at https ://perma.cc/Z6Z8-U5MW	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1460		Vrountas, Ted, "What is Meta Pixel & What Does it Do?" Instapage by Postclick, Feb. 14, 2022, available at https ://instapage.com/blog/meta-pixel	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403 (post-dates lawsuit); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1461		Zacks' Equity Research, "Subscription Revenues a Key Driver for NY Times (NYT) in 2022," Yahoo, Dec. 21, 2021, available at https ://perma.cc/BGY8-EHW7	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403 (post-dates lawsuit); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1462		TechTarget Article by Zola, Andrew, & Gillis "network packet," available at https ://www.techtarget.com/searchnetworking/definition/packet	Zervas	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1463		Low Entropy "Entropy and Privacy Analysis," available at https ://lowentropy.net/posts/entropy-privacy/	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1464		Merriam-Websters.com Dictionary "Unique," available at https ://www.merriam-webster.com/dictionary/unique# ~ text=1%20%3A%20being%20the%20only%20one%20of%20its%20kind%20Every%20snowflake,from%20Merriam%2DWebster%20on%20unique	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1465		A. Brush and K. Inkpen, "Yours, Mine and Ours? Sharing and Use of Technology in Domestic Environments," Proceedings of the 9th International Conference on Ubiquitous Computing, 2007, available at https ://www.microsoft.com/en-us/research/wp-content/uploads/2007/09/brushinkpenyoursmineours.pdf	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		

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DX	1466		Aleksandar Kochovski, "The Top 25 VPN Statistics, Facts & Trends for 2022," Mar. 18, 2022, available at https //www.cloudwards.net/vpn-statistics/	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403 (post-dates lawsuit); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1467		Alex Sherman, "Netflix estimates 100 million households are sharing passwords and suggests a global crackdown is coming," CNBC, Apr. 19, 2022, available at https://www.cnbc.com/2022/04/19/netflix-warns-password-sharing-crackdown-is-coming.html	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403 (post-dates lawsuit); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1468		Arjun Ruparelia, "Best DraftKings Sportsbook VPN in 2022 Unblock DraftKings From Anywhere With a VPN," Cloudwards, Apr. 27, 2022, available at https //www.cloudwards.net/draftkings-sportsbook-vpn/	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403 (post-dates lawsuit); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1469		B. Busse and M. Fuchs, "Prevalence of Cell Phone Sharing," Survey Methods Insights from the Field, 2013, available at https //surveyinsights.org/?p=1019	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1470		Betty Griffin Center, "Safe Browsing," available at https //bettygriffincenter.org/help/	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1471		C. Park, et al., "Share and share alike? An exploration of secure behaviors in romantic relationships," Fourteenth Symposium on Usable Privacy and Security (SOUPS), 2018, available at https //www.researchgate.net/publication/325608530_Share_and_Share_Alike_An_Exploration_of_Secure_Behaviors_in_Romantic_Relationships	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1472		Center for Internet Security, "CIS Critical Security Controls FAQ," available at https //www.cisecurity.org/controls/cis-controls-faq	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1473		Center for Internet Security, "CIS Critical Security Controls Version 8," available at https //www.cisecurity.org/controls/v8	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1474		Chrome Developers, "User-Agent Strings," available at https //developer.chrome.com/docs/multidevice/useragent/, updated Nov. 9, 2021	Psounis	Identification			None		
DX	1475		Chromium Code Search, "time.h," available at https //source.chromium.org/chromium/chromium/src/+/main base/time/time.h;l=16-22?q=TimeTicks	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1476		Chromium Code Search, "user_action_event.proto," available at https //source.chromium.org/chromium/chromium/src/+/main third_party/metrics_proto/user_action_event.proto;l=21-27?q=time_sec	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1477		D. Plonka and A. Berger, "Temporal and Spatial Classification of Active IPv6 Addresses," Proceedings of ACM Internet Measurement Conference (IMC), Oct. 28-30, 2015, available at https //www.akamai.com/site/en/documents/research-paper/temporal-and-spatial-classificationof-active-ipv6-addresses-technical-publication.pdf	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1478		Day One Services, "Maintaining Privacy When You Browse The Internet," available at http //dayoneservices.org/be-safe/	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1479		Declaration of Jonathan E. Hochman, Telebrands Corp., v. Tinnus Enterprises, LLC, Case No. PGR2015-00018	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); 403, 703 (expert reports not admissible)		
DX	1480		E. Rye, R. Beverly, and K. Claffy, "Follow the Scent Defeating IPv6 Prefix Rotation Privacy," Proceedings of ACM Internet Measurement Conference (IMC), Nov. 2-4, 2021, available at https //arxiv.org/pdf/2102.00542.pdf	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		

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DX	1481		Eli Yacobson, et al., "De-identification is insufficient to protect student privacy, or What can a field trip reveal?," Journal of Learning Analytics 8, no 2, 2021, available at https //www.learning-analytics.info/index.php/JLA/article/view/7353	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1482		Expert Report of Jonathan E. Hochman, Rockwood Select Asset Fund XI, (6)-1, LLC v. Devine, Millimet & Branch, P.A., Case No. 1 14-cv-00303-LM, 2016 WL 4260622 (D.N.H. Jan. 29, 2016)	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); 403, 703 (expert reports not admissible)		
DX	1483		Google, Analytics Help Center "About User-ID views," available at https //perma.cc/9MGV-G8XP	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1484		Google, Help Center, "Sign out of Chrome," available at https://support.google.com/chrome/answer/915986 7?hl=en&co=GENIE.Platform%3DDesktop	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1485		H. Muller, J. Gove, and J. Webb, "Understanding Tablet Use A Multi-Method Exploration," Proceedings of the 14th international conference on Human-computer interaction with mobile devices and services, 2012, available at https //static.googleusercontent.com/media/research. google.com/en//pubs/archive/38135.pdf	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1486		J. Kline, P. Barford, A. Cahn, and G. Sommers, "On the structure and characteristics of user agent strings," ACM Sigcomm, Nov. 1-3, 2017, available at https //conferences.sigcomm.org/imc/2017/papers/i mc17-final253.pdf	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1487		J.F. Kurose & K.W. Ross, Computer Networking A Top-Down Approach, Ch. 4, 8th ed., 2020	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1488		Juliette Garside, "Ofcom six-year-olds understand digital technology better than adults," The Guardian, available at https://www.theguardian.com/technology/2014/aug/ 07/ofcom-children-digital-technology-better-than-adults (Aug. 6, 2014)	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1489		K. Levy and B. Schneier, "Privacy threats in intimate relationships," Journal of Cybersecurity, available at https //academic.oup.com/cybersecurity/article/6/1/t yaa006/5849222 (2020)	Psounis	Identification			Relevance; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL		
DX	1490		Kamala D. Harris, "California Data Breach Report," Cal. Dept. of Justice, available at https //oag.ca.gov/breachreport2016 (2016)	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1491		L. Olejnik, C. Castelluccia and A. Janc, "Why Johnny can t browse in peace On the uniqueness of web browsing history patterns," Annals of Telecommunications at 13 https //hal.inria.fr/file/index/docid/747841/filename /johnny2hotpet-finalcam.pdf (June 2013)	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1492		Laveh Waddel, "Will Today s Kids Be Stumped by the Technology of the Future?," The Atlantic, available at https://www.theatlantic.com/technology/archive/20 16/01/will-todays-kids-be-stumped-by-the-technology-of-the-future/425082/ (Jan. 26, 2016)	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1493		Lawrence Abrams, "How to Switch Back to the Old Twitter Layout," Bleeping Computer, available at https://www.bleepingcomputer.com/news/technolog y/how-to-switch-back-to-the-old-twitter-layout/ (July 16, 2019)	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1494		Li, and E. Wijmans, "(Cross-)Browser Fingerprinting via OS and Hardware Level Features," NDSS, San Diego CA, available at https://www.ndss-symposium.org/wp-content/uploads/2017/09/ndss2017_02B-3_Cao_paper.pdf (2017)	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1495		M. Fischer, J. Hochman, and D. Boffa, "Privacy-Preserving Data Sharing for Medical Research," International Symposium on Stabilization, Safety, and Security of Distributed Systems, available at https //cpsc.yale.edu/sites/default/files/files/TR1558 .pdf	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		

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DX	1496		M. Levin and J. Lowitz, "iPhone 13 Models Have Biggest Share in Years," Consumer Intelligence Research Partners LLC, Apr. 21, 2022, available at https://files.constantcontact.com/150f9af2201/06ed a1e6-cb00-4462-836f-73aa0120e439.pdf?rdr=true	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1497		Matt Richtel, "Young, in Love and Sharing Everything, Including a Password," The New York Times, Jan. 17, 2012, available at https://www.nytimes.com/2012/01/18/us/teenagers-sharing-passwords-as-show-of-affection.html	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1498		MDN Plus, "User-Agent," available at https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/User-Agent	Psounis	Identification			None		
DX	1499		Merriam-Websters.com Dictionary, ""From (the) cradle to (the) grave," available at https://www.merriam-webster.com/dictionary/from%20%28the%29%20c radle%20to%20%28the%29%20grave	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1500		Microsoft, "Dynamic Host Configuration Protocol (DHCP)," available at https://perma.cc/7N5L-QKCQ (July 29, 2021)	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1501		Microsoft, "High Availability," https://docs.microsoft.com/en-us/windows-server/remote/remote-access/vpn/always-on-vpn/deploy/always-on-vpn-adv-options#high-availability	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1502		National Institute of Health, "NIH Grants Policy Statement," https://grants.nih.gov/grants/policy/nihgps/html5/sec tion_2/2.3.12_protecting_sensitive_data_and_infor mation_used_in_research.htm	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1503		National Institute of Standards and Technology, "Guide to Protecting the Confidentiality of Personally Identifiable Information (PII)" https://nvlpubs.nist.gov/nistpubs/legacy/sp/nistspeci alpublication800-122.pdf (Apr. 2010)	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1504		National Science Foundation, "Human Subjects," https://www.nsf.gov/bfa/dias/policy/human.jsp	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1505		NordVPN, available at https://nordvpn.com/features/dedicated-ip/	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1506		NordVPN, available at https://nordvpn.com/features/hide-ip/	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1507		Office for the Protection of Research Subjects, USC, "Chapter 10 Privacy, Confidentiality and HIPAA," https://oprs.usc.edu/policies/privacy-confidentiality-and-hipaa/	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1508		Osman Husain, "How to watch ESPN anywhere with a VPN," Comparitech, available at https://www.comparitech.com/blog/vpn-privacy/best-vpn-espn/ (Jan. 19, 2022)	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1509		P. Laperdrix, W. Rudametkin, and B. Baudry, "Beauty and the Beast Diverting Modern Web Browsers to Build Unique Browser Fingerprints," IEEE Symposium on Security and Privacy, San Jose CA, available at https://ieeexplore.ieee.org/abstract/document/75465 40 (2016)	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1510		Patrick Billingsley, "Probability and Measure," Wiley, (3rd ed. 1995)	Psounis	Identification			None		
DX	1511		Rick Paulus, "The Digital Divide Is About Much More Than Access," Pacific Standard, available at https://psmag.com/environment/digital-divide-more-complicated-than-access (June 14, 2017)	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1512		Rocher, J. Jendrickx and Y. de Montjoye, "Estimating the success of re-identifications in incomplete datasets using generative models," Nature Communications 10, available at https://www.nature.com/articles/s41467-019-10933-3 (July 23, 2019)	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		

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DX	1513		Sahara Cares, "Protect Yourself Online," https //saharacares.org/protect-yourself-online/	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1514		Sheldon Ross, "Introduction to Probability Models," Academic Press, available at https //www.academia.edu/17872355/Introduction_to_Probability_Models_Tenth_Edition (10th ed. 2014)	Psounis	Identification			None		
DX	1515		Surfshark, "Top 12 VPN Use Cases," available at https //surfshark.com/use-cases	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1516		T. Narten, R. Draves, and S. Krishnan, "Privacy Extensions for Stateless Address Autoconfiguration in IPv6," RFC 4941 (Draft Standard), available at https //www.rfc-editor.org/rfc/pdfrfc/rfc4941.txt.pdf	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1517		T. Spyropoulos, K. Psounis, and C. Raghavendra, "Efficient Routing in Intermittently Connected Mobile Networks The Multiple-copy Case," IEEE/ACM Transactions on Networking, available at https //cpb-us-e1.wpmucdn.com/sites.usc.edu/dist/b/364/files/2019/05/multiton.pdf (Feb. 2008)	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1518		T.M. Cover and J.A. Thomas, "Elements of Information Theory," Wiley, available at https //www.academia.edu/25024538/Elements_of_Information_Theory_2nd_ed_T_Cover_J_Thomas_Wiley_2006_WW (2nd ed. 2006)	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1519		Tara Matthews, et. al., "'She ll just grab any device that s closer A Study of Everyday Device and Account Sharing in Households," Proceedings of the ACM Conference on Human Factors in Computing Systems, ACM, available at https //dl.acm.org/doi/pdf/10.1145/2858036.2858051 (2016)	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1520		Tor Project, "The State of IPv6 support on the Tor Network," available at https //blog.torproject.org/state-of-ipv6-support-tor-network/	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1521		Tomek Mrugalski, et al., "Dynamic Host Configuration Protocol for IPv6 (DHCPv6)," RFC 8415 (Proposed Standard), Nov. 2018, available at https //www.rfc-editor.org/rfc/pdfrfc/rfc8415.txt.pdf	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1522		Tor Project, available at https //www.torproject.org/about/history/	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1523		Twitter, available at https //twitter.com/Jehochman/status/1153277584542711808	Psounis	Identification			None		
DX	1524		WNY Postpartum Connection, Inc., "Domestic Abuse Support," available at https //www.wnypostpartum.com/domestic-violence assistance	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1525		Y. Cao, S. Li, and E. Wijmans, "(Cross-)Browser Fingerprinting via OS and Hardware Level Features," NDSS, San Diego CA, available at https //www.ndss-symposium.org/wp-content/uploads/2017/09/ndss2017_02B-3_Cao_paper.pdf (2017)	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1526		Survey Data "Consumer Perceptions and Expectations Survey Analysis.do"	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1527		Survey Data "Interpretation Survey Analysis.do"	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		
DX	1528		Survey Data "Likelihood of Use Survey Analysis.do"	Amir	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); subject to anticipated MIL.		

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DX	1529		13A Cal. Jur. 3d Consumer, etc. Protection Laws § 549	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1530		15 U.S.C.A. § 1681a	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1531		15 U.S.C.A. § 1681f	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1532		15 U.S.C.A. § 1681g	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1533		15 U.S.C.A. § 1681u	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1534		15 U.S.C.A. § 6809	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1535		16 C.F.R. § 312.2	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1536		18 U.S.C.A. § 2710	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1537		2 C.F.R. § 200.1 (2021)	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1538		2 CFR § 200.338, available at https //perma.cc/8E4S-2XMY	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1539		2 CFR § 200.79, available at https //perma.cc/P9HC XF2U	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1540		20 U.S.C. 1232g, available at https://www.govinfo.gov/content/pkg/USCODE-2019-title20/pdf/USCODE-2019-title20-chap31-subchapIII-part4-sec1232g.pdf	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		

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DX	1541		22 U.S.C.A. § 2507a	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1542		34 U.S.C.A. § 12291	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1543		42 C.F.R. § 426.400	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1544		42 U.S.C.A. § 11360	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1545		45 C.F.R. § 160.103	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1546		45 C.F.R. § 164.502	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1547		45 C.F.R. § 164.514	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1548		47 U.S.C.A § 551	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1549		5 C.F.R. § 581.203	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1550		5 Cal. Transactions Forms--Bus. Transactions § 32 211	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1551		5 Cal. Transactions Forms--Bus. Transactions § 32 213	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1552		AB-2891 California Consumer Privacy Act	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		

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DX	1553		ALI Data Privacy Principles § 1 (Am. L. Inst. 2020)	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1554		ALI Data Privacy Principles § 2, Comment c	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1555		ALI Data Privacy Principles § 2, Definitions (b)(1)	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1556		ALI Data Privacy Principles, § 11 Data Security and Data Breach Notification	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1557		ALI Data Privacy Principles, § 9 Data Portability, Comment (a)	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1558		Beth Anne Killoran, U.S. General Services Administration, 2180.2 CIO GSA Rules of Behavior for Handling Personally Identifiable Information (PII), (Oct. 8, 2019), available at https //www.gsa.gov/directives-library/gsa-rules-of-behavior-for-handling-personally-identifiable-information-pii-2	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1559		Cal. Civ. Code § 1798.140	Schwartz	Identification			106; Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1560		Cal. Civ. Code § 1798.145	Schwartz	Identification			106; Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1561		Cal. Civ. Code § 1798.150	Schwartz	Identification			106; Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1562		Cal. Civ. Code § 1798.155	Schwartz	Identification			106; Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1563		Cal. Civ. Code § 1798.81.5	Schwartz	Identification			106; Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1564		Cal. Jury Instr.--Crim. 15.61	Schwartz	Identification			No such jury instruction locatable; improper in lieu of jury instruction (invades discretion of the Court)		
DX	1565		Cal. Penal Code § 530.55	Schwartz	Identification			106; Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1566		California Business and Professions Code §22577(a) https //leginfo.legislature.ca.gov/faces/codes_displaySection.xhtml?lawCode=BPC&sectionNum=22577	Schwartz	Identification			106; Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1567		California Consumer Privacy Act of 2018 Consumer Remedies, CA Sen. Bill. 561 (2019)	Schwartz	Identification			106; Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1568		Christina H. Kroll, CCPA The California Senate is Not Ready to Expand the Consumer Right of Action Proskauer Priv. L. Blog (May 17, 2019), available at https //perma.cc/699Z-QENL	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1569		E–GOVERNMENT ACT OF 2002, PL 107–347, Dec. 17, 2002, 116 Stat 2899	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1570		European Union General Data Protection Regulation, Article 4.	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		

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DX	1571		Federal Trade Commission Report, "Protecting Consumer Privacy in an Era of Rapid Change Recommendations for Businesses and Policymakers," Mar. 26, 2012, available at https://perma.cc/L2LX-4LEC	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1572		Ferraiolo, et al., "Guidelines for the Authorization of Personal Identity Verification Card Issuers (PCI) and Derived PIV Credential Issuers (DPCI)," July 2015, available at https://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-79-2.pdf	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1573		GAO Report 08-536, Privacy, "Alternatives Exist for Enhancing Protection of Personally Identifiable Information," May 2008, available at http://www.gao.gov/new.items/d08536.pdf	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1574		H. Privacy of Information Maintained by California's Health Benefit Exchange, Cal. Prac. Guide Privacy Law Ch. 6-H	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1575		https://www.ecfr.gov/current/title-34/subtitle-A/part 99	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1576		In the Matter of Protecting the Privacy of Customers of Broadband & Other Telecommunications Services, WC Docket No. 16-106, Comment of the Staff of the Bureau of Consumer Protection of the Federal Trade Commission (May 27, 2016), available at https://perma.cc/2EJZENW8	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1577		Google, Ad Manager Help Center, "Interoperability guidance for vendors working with Google via the IAB TCFv2.0," 2022, available at https://perma.cc/EC8S-MVJK	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1578		Justin Schuh, "Building a more private web A path towards making third party cookies obsolete," Chromium Blog, Jan. 14, 2020, available at https://perma.cc/8LCF-7N4A	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1579		Michael J. Fischer, Jonathon E. Hochman, and Daniel Boffa, "Privacy-Preserving Data Sharing for Medical Research," Stabilization, Safety, and Security of Distributed Systems 23rd International Symposium, SSS 2021, Virtual Event, available at https://doi.org/10.1007/978-3-030-91081-5_6 (Nov. 17–20, 2021)	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1580		Minor Changes to Doe O 206.1, Dep t of Energy Priv. Program, US DOE 206.1 (Nov. 1, 2018), available at https://www.directives.doe.gov/directives-documents/200-series/0206.1-BOrder-chg1-minchg/@@images/file	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1581		Mobile Tech. Mgmt., US DOE 203.2 (May 15, 2014), available at https://www.energy.gov/sites/default/files/2015/08/f25/o203.2.pdf	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1582		National Institute of Standards and Technology, "Glossary Personally Identifiable Information (PII)," available at https://csrc.nist.gov/glossary/term/personally_identifiable_information	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1583		Paul M. Schwartz & Daniel J. Solove, "The PII Problem Privacy and a New Concept of Personally Identifiable Information," 86 N.Y.U. L. Rev. 1814 (2011).	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1584		Paul M. Schwartz & Daniel J. Solove, "Defining 'Personal Data" in the European Union and U.S.," 13 Priv. & Sec. L. Rep. 1581 (Sept. 15, 2014)	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1585		Paul M. Schwartz & Daniel J. Solove, "Reconciling Personal Information in the United States and European Union," 102 Calif. L. Rev. 887 (2014)	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		

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DX	1586		Paul M. Schwartz, "Personenbezogene Daten" aus internationaler Perspektive, Zeitschrift für Datenschutz 97 (Mar. 2011)	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1587		Google Ads & Commerce Blog Post Prabhakar Raghavan, "Raising the Bar on Transparency, Choice and Control in Digital Advertising," May 7, 2019, available at https //perma.cc/HQH3-PPBE	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1588		U.S. Dept. of Energy, Order 443.1C Protection of Human Research Subjects (Nov. 26, 2019), available at https //www.directives.doe.gov/directives-documents/400-series/0443.1-BOrder-c/@@images/file	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1589		Google, Advertising Policies Help Center, "Requirements for third-party ad serving," https //perma.cc/JP2W-8H7Z	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1590		U.S. Dept. of Commerce, Nat'l Inst. for Standards and Technology, Risk Management Framework for Information Systems and Organizations A System Life Cycle Approach for Security and Privacy, (Dec. 2018), https //nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-37r2.pdf	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1591		Simson L. Garfinkel, U.S. Dept. of Commerce, "Nat'l Inst. for Standards and Technology, De-Identification of Personal Information," Oct. 2015, available at https //nvlpubs.nist.gov/nistpubs/ir/2015/NIST.IR.8053.pdf	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1592		Song-Beverly Credit Card Act of 1971, Cal. Civ. Code § 1747.08	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); Improper in lieu of jury instruction (invades discretion of the Court)		
DX	1593		Google, The Chromium Projects, "The Privacy Sandbox," available at https //perma.cc/7GGQ-7YV7	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1594		U.S. Department of Labor, "Guidance on the Protection of Personal Identifiable Information," available at https //www.dol.gov/general/ppii	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1595		U.S. Dept. of Commerce, Office of Privacy and Open Government, "Safeguarding Information," last updated Oct. 1, 2021, available at https //www.osec.doc.gov/opog/privacy/pii_bii.html	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1596		U.S. Dept. of Education, "Protecting Student Privacy Personally Identifiable Information," available at https //studentprivacy.ed.gov/content/personally-identifiable-information-pii	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1597		U.S. Dept. of Health and Human Services, "Summary of the HIPAA Privacy Rule," available at https //www.hhs.gov/hipaa/for-professionals/privacy/laws-regulations/index.html	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1598		U.S. General Services Administration, "Rules and Policies - Protecting PII - Privacy Act," available at https //www.gsa.gov/reference/gsa-privacy-program/rules-and-policies-protecting-pii-privacy-act	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1599		Google, Analytics Help Center Understanding PII in Google s Contracts and Policies (2021), available at https //support.google.com/analytics/answer/7686480	Schwartz	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1600		Excerpts of ▮▮▮▮▮▮	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced in discovery (only for limited purpose of responding to second sanctions motions); subject to anticipated MIL		

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Joint Exhibit List

Prefix	Ex. No.	Begin Bates	Description	Sponsoring Witness	Expert Identification	Stipulation to Admit	Google Objections	Plaintiffs' Objections	Injunction Phase of Trial (Plaintiffs Only)	Date Admitted
DX	1601	GOOG-BRWN-00858535	Google, Internal Document, MapReduce More Topics, Last Edited May 14, 2021	Psounis	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact); not produced in discovery (only for limited purpose of responding to second sanctions motions); subject to anticipated MIL		
DX	1602	GOOG-CABR-00058912	Google, Internal Document, ▓▓▓▓ Impact to Publisher Revenue (L1)," Last updated 11/27/2019	Strombom	Identification			Relevance; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); 403, 704 (invades province of the trier of fact).		
DX	1603		Morgan & Morgan web page, https //www.forthepeople.com/practice-areas/mass-tort-lawyers/google-incognito-lawsuit/	Berntson, Fair, Ganem, Zervas	Admission			Relevance; Hearsay; Foundation; 403 (extrinsic evidence, Google's MSJ took position that contract was unambiguous); not produced during discovery; not disclosed in Zervas' report; subject to anticipated MIL		